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DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

YELLOWSTONE NATIONAL PARK

FILE NO. 143

MONTHLY REPORTS

June, 1928

JUNE 1928

July 5, 1928.

The Director,
National Park Service,
Washington, D. C.

Dear Mr. Director:

The following is my report on the activities of the National Park Service in Yellowstone National Park for the month of June, 1928:

000 - General

On June 5 I returned from a long period of absence from the park, during which time I was engaged in the performance of my duties as Assistant Director (Field). I spent several months in Yosemite National Park working on the larger and more important problems of that park. Assistant Superintendent Daum met me at Ashton, Idaho, and we motored to Yellowstone via the main approach road to the western entrance, coming thence to headquarters. I was impressed at once with the splendid work that had been done by the park forces under Mr. Daum during the time that our crews have been at work this spring. The roads were in exceptionally fine condition and everything at headquarters was ready for the season. Several days after my arrival were spent on inspection of headquarters and the main roads, the road camps, ranger stations, equipment, etc. Everything was found to be in first-class condition and functioning splendidly, and due to the warm weather of May the snows had receded fast, and on June 1st the north and west entrances were thrown open to travel. It was not possible to open the east and south gates until June 18th. While the roads were in marvelous condition during the early part of June, well graded, smooth and dry, it was not long before heavy rains set in and by the middle of the month much of the fine work accomplished preparatory to the opening of the park was undone. As you will note from the weather report, the month of June was one of the wettest Junes on record and one of the coldest. It was one of the most miserable months that I have ever experienced in this park. True, the fire hazard was eliminated but travel conditions for the general public were very bad and on the Cub Creek section of the Cody road where contractors were at work the road became so soft and muddy that cars had to be routed through on a one-way schedule and even then tractors had to be used to rescue cars almost every day. Although the camp grounds were in fine condition and well supplied with wood, camping under the cold, wet conditions was anything but enjoyable. Travel was the heaviest we ever had during the month of June, showing considerable increase even over 1926. The park was green and beautiful but there is no denying the fact that camping was bad, riding on

July 5, 1920.

The Director,
National Park Service,
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Dear Sir, Director:

The following is my report on the activities of the National Park Service in Yellowstone National Park for the month of June, 1920:

000 - General

On June 5 I returned from a long period of absence from the park, during which time I was engaged in the performance of my duties as assistant director (field). I spent several months in Yosemite National Park working on the larger and more important problems of that park. Assistant Superintendent Dean met me at Ashton, Idaho, and we motored to Yellowstone via the main approach road to the western entrance, coming direct to headquarters. I was impressed at once with the splendid work that had been done by the park forces during my absence. Even during the time that our crews had been at work this spring, the roads were in exceptionally fine condition and everything at headquarters was ready for the season. Several days after my arrival were spent on inspection of headquarters and the main roads, the road camps, motor stations, equipment, etc. Everything was found to be in first-class condition and functioning efficiently, and due to the open weather of the winter the snows had receded fast, and on June 1st the north and west entrances were known open to travel. It was not possible to open the east and south entrances until June 15th. While the roads were in excellent condition during the early part of June, well graded, dusted and dry, it was not long before heavy rains set in and by the middle of the month most of the line were accomplished preparatory to the opening of the park was ruined. As you will note from the weather report, the month of June was one of the wettest times on record and one of the coldest. It was one of the most miserable months that I have ever experienced in this park. Snow, the first heavy one of the season, accompanied by a general public work very bad and on the 6th there section of the road where contractors were at work the road became so soft and muddy that work had to be routed through on a temporary subsidiary and even then tractors had to be used to remove some almost every day. Although the camp grounds were in fine condition and well supplied with wood, camping under the cold, wet conditions was depressing but enjoyable. Travel was the heaviest ever had during the month of June, showing considerable increase over 1919. The park was green and beautiful but there is no denying the fact that camping was not, riding on

the roads oftentimes uncomfortable and disagreeable and in other respects it was impossible to enjoy the park as thoroughly as would have been the case had weather conditions been normal. As this report is written the rains are still continuing with more or less regularity but there is plenty of sunshine each day and the prospects are that the worst weather conditions are past.

Road Conditions: The road from Thumb to the south entrance was open to travel the night of June 17 after considerable difficulty in snow removal. The road from Lake to the east entrance was used by a maintenance crew the night of June 16 but was not open to travel until the night of June 17th. Due to continued rains throughout the month, this latter road caused considerable trouble. Until June 29th eastbound traffic was allowed to use the road from 7 until 10:30 and westbound traffic was allowed to use the road from 11 until 3. On June 28th the traffic control was narrowed down to 4 miles of reconstructed road, and except for hourly shifts in the direction of the traffic the road was opened for use from 7 a.m. until 7 p.m. The east entrance approach road suffered considerable due to the heavy rains and has never been in first-class condition, likewise the approach roads to the other entrances as well as the roads throughout the neighboring states. The Dunraven Pass road was open to travel the 18th after considerable snow removal work, and the Mt. Washburn road was ready for travel at the end of the month.

100 - Administrative

120 - Park inspections by

121 - Superintendent

I arrived in the park on June 5 and was on inspection at headquarters June 6. On the 7th, with Assistant Superintendent Daum and Joffe, Resident Engineer Lord and Chief Ranger Woodring I inspected all of the main roads except the road from Canyon to Mammoth by way of Dunraven Pass and we even covered part of that road. We also went out on the south road as far as Aster Creek. On the 8th with Mr. Daum I was again in the upper park, this time visiting West Yellowstone and Old Faithful. We had with us Messrs. Slaughter, Rose and Barber of the Comptroller General's Office. On the 9th I was at headquarters and at Gardiner. On the 10th and 11th I was at headquarters. On the 12th and 13th I was en route to and at Missoula, Mont., attending the organization meeting of the Forest Protection Board of this district. A special report has been made on this trip. I returned to headquarters on the 14th, and was here until the 16th when I inspected the northern loop, visiting Canyon, Dunraven Pass, Camp Roosevelt, etc. Was at headquarters on the 17th and 18th, and on the 19th went to Old Faithful with President C. R. Gray of the Union Pacific spending the night there. On the morning of the 20th at 6 a.m. went with President Gray to West Yellowstone to meet Governors and other officials who were here to participate in the opening ceremonies. After the ceremonies I returned to Old Faithful for the afternoon and came into headquarters for the night. On the 21st, with Assistant Director Fullaway of the Bureau of the Budget, covered the elk ranch north of the park, inspected ranches there, and after returning to headquarters inspected all shops, etc. In the afternoon, accompanied by Mr. and Mrs. Fullaway went to Canyon Hotel meeting there members

the roads petroleum uncomfortable and disagreeable and in other respects it was impossible to enjoy the park as thoroughly as would have been the case had weather conditions been normal. As this report is written the roads are still continuing with more or less regularity but there is plenty of sunshine each day and the prospects are that the worst weather conditions are past.

Road Conditions: The road from Dawson to the south boundary was open to travel the night of June 17 after considerable difficulty in snow removal. The road from Dawson to the west entrance was used by a maintenance crew the night of June 16 but was not open to travel until the night of June 17th. Due to continued rains throughout the month, this latter road caused considerable trouble. Until June 29th westbound traffic was allowed to use the road from 7 until 10:30 and westbound traffic was allowed to use the road from 11 until 3. On June 30th the traffic control was removed down to 4 miles of reconstructed road, and except for hourly shifts in the direction of the traffic the road was opened for use from 7 a.m. until 7 p.m. The east entrance approach road suffered considerable due to the heavy rains and has never been in first-class condition. Likewise the approach roads to the other entrances as well as the roads throughout the neighboring states. The Dawson-Mayo road was open to travel the 16th after considerable snow removal work, and the 18. Haldane road was ready for travel at the end of the month.

100 - Administrative

120 - Park inspections by

121 - Superintendent

I arrived in the park on June 5 and was on inspection at headquarters from 6. On the 7th, with Assistant Superintendent Dunn and Ranger Hodgson land and Under Ranger Woodring I inspected all of the main roads except the road from Dawson to Eagle by way of Dunraven Pass and as much of the road from Dawson to Eagle by way of Dunraven Pass and as much of covered part of that road. We also went out on the south road as far as Asbestos Creek. On the 8th with Mr. Dunn I was again in the upper park, and also visiting West Yellowstone and Old Faithful. We had with us Senator Slaughter, Dunn and Author of the Comptroller General's office. On the 9th I was at headquarters and at Gardiner. On the 10th and 11th I was at headquarters. On the 12th and 13th I was on route to and at Bisonia, Mont., attending the organization meeting of the Forest Protection Board of this district. A special report has been made on this trip. I returned to headquarters on the 14th, and was there until the 16th when I inspected the northern loop, visiting Canyon, Dunraven Pass, Camp Roosevelt, etc. Was at headquarters on the 17th and 18th, and on the 19th went to Old Faithful with President G. H. Gray of the Union Pacific spending the night there. In the morning of the 20th at 6 a.m. met with President Gray to meet Yellowstone to meet Governors and other officials who were here to participate in the opening ceremonies. After the ceremonies I returned to Old Faithful for the afternoon and came into headquarters for the night. On the 21st, with Assistant Director Tillaney of the Bureau of the Budget, covered the old roads north of the park, inspected roadbed there, and after returning to headquarters inspected all shops, etc. In the afternoon, accompanied by Mr. and Mrs. Tillaney went to Canyon Hotel meeting there members

of the official opening party. On the 22nd, with Congressman Addison T. Smith of Idaho, and Mrs. and Mr. Fullaway went out to Cody, Wyo., and returned to Lake Hotel for the night. On the 23rd I inspected the south approach road, going some distance below Moran, returning to West Thumb, thence to Old Faithful and West Yellowstone. Mr. Smith took the train, Mr. Fullaway remained at old Faithful and I returned to headquarters. On the 24th and 25th was at headquarters, on the 26th at Old Faithful and West Yellowstone where I took the train at 7 o'clock for the West, arriving at San Francisco 8:30 a.m. on the 28th, meeting Director Mather and attending the State Park Conference. On the 29th was at San Francisco headquarters, the 30th visited State Parks in Humboldt County in the redwood region; July 1st went to Yosemite Park.

123 - National Park Service Officers

Mr. Ansel Hall, Chief Park Naturalist, arrived on June 26th in Government Dodge car, accompanied by Dr. Oastler.

Mr. T. C. Vint, Landscape Engineer, N.P.S., arrived via Gardiner on June 13th and left via the same gateway on June 16th for Glacier Park. He returned to Yellowstone on June 27th, and left again via Gardiner on July 2nd for Crater Lake National Park, returning to Yellowstone on July

Mr. Kenneth C. McCarter, Assistant Landscape Engineer, arrived via West Yellowstone on June 24th.

Mr. Charles L. Gable and Mr. Wilson A. Blossom, National Park Service Inspectors, arrived via Cody on June 21st and will be here for some time studying the accounts of the park operators.

125 - Other Government Officers

Mr. R. H. Slaughter, accompanied by Mr. G.W. Rose and Mr. John Barber, all of the General Accounting Office, Washington, D. C., entered the park via Gardiner on June 7th. They were met in Livingston, Mont., and brought to the park. They spent several days here working on the accounts, and left with me for Missoula, via Gardiner, on June 12th.

Mr. Shirley Bright, Construction Engineer, Regional Office, Bureau of Public Roads, San Francisco, Calif., arrived via Gardiner on June 22nd, and left via the Snake River, or southern entrance, on June 25th.

of the official opening party. On the 22nd, with Congressman Addison T. Smith of Idaho, and Mr. and Mrs. Pullaway went out to Cody, Wyo., and returned to Lake Yellowstone for the night. On the 23rd I inspected the south approach road, going some distance below Buffalo, returning to West Thumb. Among the old faithful and Lake Yellowstone. Mr. Smith spoke the truth. Mr. Pullaway remained at old Faithful and I returned to headquarters. On the 24th and 25th was at headquarters, on the 26th at Old Faithful and West Yellowstone where I took the train at 7 o'clock for the east, arriving at Cody, Wyoming 6:30 a.m. on the 27th, meeting Director Mather and attending the park superintendents' conference. On the 29th was at San Francisco headquarters, the 30th visited State Park in Humboldt County in the redwood region; July 1st went to Yosemite Park.

129 - National Park Service Officers

Mr. Ansel Hall, Chief Park Naturalist, arrived on June 26th in Government lodge car, accompanied by Mr. Hartley.

Mr. C. G. Vint, Landscape Engineer, N.P.S., arrived via Gardiner on June 15th and left via the same gateway on June 16th for Glacier Park. He returned to Yellowstone on June 27th, and left again via Gardiner on July 2nd for Crater Lake National Park, returning to Yellowstone on July

Mr. Kenneth C. Mockster, Assistant Landscape Engineer, arrived via West Yellowstone on June 24th.

Mr. Charles L. Davis and Mr. Wilson G. Gleason, National Park Service Inspectors, arrived via Cody on June 21st and will be here for some time studying the accounts of the park operators.

129 - Other Government Officers

Mr. A. E. Slaughter, accompanied by Mr. G.W. Hoe and Mr. John Carney, all of the General Accounting Office, Washington, D. C., entered the park via Gardiner on June 7th. They were met in Livingston, Mont., and brought to the park. They spent several days here working on the accounts, and left with us for Glacier, via Gardiner, on June 12th.

Mr. Harley Wright, Construction Engineer, Bureau of Public Roads, San Francisco, Calif., arrived via Gardiner on June 22nd, and left via the Snake River, or southern entrance, on June 23rd.

150 - Equipment and Supplies

The past month established a record in the amount of supplies issued by our storehouse force to the various camps located throughout the park. Approximately $30,000 worth of issued were handled by this force in addition to the usual receiving of supplies from the railroad and other sources. Equipment received during the past month consists of one 30,000 gallon oil storage tank, one drill sharpener machine, one oil furnace for drill sharpener, two one-ton Graham trucks for a survey crew and road foremen and miscellaneous small tools, office furniture and mess equipment. One Osgood gasoline engine with yard shovel arrived June 23rd and was unloaded and moved into the park one mile where engine trouble developed, and it is still there pending repairs.

170 - Plans, Maps and Surveys

The Engineering Department spent the entire month on road surveys for our summer work and upon the survey for the reconstruction of the Mammoth-Tower Falls telephone line.

180 - Circulars, placards, publicity bulletins, etc.

Copies of circulars and publicity bulletins issued during the month are attached.

200 - Maintenance, Improvements and New Construction

The heavy maintenance crews continued around the Grand Loop, reshaping the road, cleaning ditches, etc. The wet weather that prevailed throughout the month hindered their operations to a certain extent and caused much of the work to be done over again that had been done last month. This crew was transferred the middle of the month to the processing and oil surfacing of the Firehole road. A 30 Caterpillar and one grader reshaped the road from Mammoth to Cooke City entrance but much of this work was lost due to the wet weather and the nature of the traffic using that road. The regular maintenance crews were sent out the 15th and 16th of the month. There were 16 camps established to provide for the maintenance of our roads during the summer season. Each of these crews covered from 15 to 25 miles and each crew is equipped with a dump truck, a one-man power grader and a team, and from 6 to 8 men, except in the case of the entrance roads where the traffic is lighter and horse-drawn graders are substituted for the power graders and dumps and wagons are used instead of dump trucks. Considerable difficulty has been encountered due to the heavy rains and the fact that the roads have such poor drainage. A 50-foot section of the wall near Gibbon Falls washed out and there have been numerous other instances so that our preseason maintenance, which has usually consisted of reshaping the road, consisted of reconstruction this spring. Snow conditions have been average this year although more snow stayed on the south entrance road than has been the custom in the past. However, no difficulty was encountered in opening up this road. The Mt. Washburn road offered the main difficulty this year due to the heavy drifts that covered the northwest side of the mountain. However, this road was open June 28th and was ready for travel by the last day of the month. The Sylvan Pass road was blasted out 8 days earlier than

170 - Equipment and Supplies

The past month established a record in the amount of supplies issued by our storehouse force to the various camps located throughout the park. Approximately 170,000 works of issued were handled by this force in addition to the usual receiving of supplies from the railroad and other sources. Equipment received during the past month consists of one 30,000 gallon oil storage tank, one drill sharpener machine, one oil furnace for drill sharpener, two one-ton pickup trucks for a survey crew and one foreman and miscellaneous small tools, office furniture and camp equipment. One Gerard pneumatic engine with yard shovel arrived June 23rd and was loaded and moved into the park one mile where engine trouble developed, and it is still there pending repairs.

170 - Plans, Maps and Surveys

The Engineering department spent the entire month on road survey for our summer work and upon the survey for the reconstruction of the Sunset Tower Falls telephone line.

180 - Circulars, placards, publicity bulletins, etc.

Copies of circulars and publicity bulletins issued during the month are attached.

200 - Maintenance, Improvements and New Construction

The heavy maintenance crews continued around the Grand Loop, re-shaping the road, cleaning ditches, etc. The wet weather that prevailed throughout the month hindered their operations to a certain extent and caused much of the work to be done over again that had been done last month. This crew was transferred the middle of the month to the processing and dri-ing of the Firehole road. A 30 Caterpillar and one grader swamped the road from Canyon to Cooke City entrance but much of this work was lost due to the wet weather and the nature of the traffic using that road. The regular maintenance crews were sent out the 15th and 16th of the month. There were 16 camps established to provide for the maintenance of our roads during the summer season. Each of these crews covered from 15 to 25 miles and each crew is equipped with a dump truck, a one-man power grader and a team, and from 6 to 8 men, except in the case of the entrance roads where the traffic is lighter and horse-drawn graders are substituted for the power graders and dumps and wagons are used instead of dump trucks. Considerable difficulty has been encountered due to the heavy rains and the fact that the roads were much poor drainage. A 30-foot section of the well water Lodge Falls washed out and there have been numerous other instances in that our permanent maintenance, which has usually consisted of reshaping the road, consisted of reconstruction this spring. Snow conditions have been average this year although more snow stayed on the south entrance road than has been the custom in the past. However, no difficulty was encountered in opening up this road. The Mammoth road offered the main difficulty this year due to the heavy drifts that covered the northwest side of the mountain. However, this road was open June 30th and was ready for travel by the last day of the month. The Gardiner road was blocked out 8 days earlier than

usual and with the warm weather that prevailed at that time we were able to get the road in excellent condition before opening it to traffic, and had very little shoveling to do prior to the opening date. The high water continued in the Shoshone River and except for threatening the road in several places it did little damage, and the month was devoted to the strengthening of the present revetment and reshaping the roads. The heavy rains made it impossible to keep this road in shape as the road does not have a gravel surface and at the present time is rutted badly and has caused considerable criticism. South Forest: This road came through the winter in excellent shape and has been maintained in that condition the entire month, although the section near Moran is rutted up badly due to the heavy traffic and the wet weather. This condition is unavoidable as we have only one maintenance crew with horse-drawn equipment covering the entire 30 miles. In addition, the road is unsurfaced and does not stand up under wet weather.

Dust Prevention: Approximately 150,000 gallons of oil were placed during the past month and the road is oiled from Gardiner to Mammoth, from Mammoth toward Tower Falls for 11 miles, from Mammoth to Norris, from Norris to Canyon, from Norris to Madison Junction, except for 4 miles which is under construction, from Madison Junction to West Yellowstone and from Madison Junction to the 12-mile post toward Old Faithful. A heavier type of oil has been used this year with much better results although we have had considerable criticism due to its adhesion to cars and trucks. However, we attempt to avoid this trouble by following the oil distributor with a road grader and covering the coating of oil with a light coating of sand or gravel. We have been successful to a certain extent in this and we also find that this method tends to build up a thicker mat which our experiments last year showed us is very desirable. The continued rains have hampered our operations and have hindered the progress of this work to such an extent that we have only placed approximately half the amount of oil we originally planned to spread.

220 - Maintenance of Buildings

Carpenter Shop: The carpenter-foreman and helper carried on the usual building maintenance and assisted in the Mammoth camp ground extension.

Electrical Department: The Chief Electrician and two small crews have been busy the entire month trouble shooting on our telephone lines and the usual power line and lighting line maintenance. This month, due to the wet weather and the high windstorms, we have had more trouble with the telephone lines than heretofore and at times it has been impossible to keep our entire circuit in operation. At the end of the month these lines are in very good shape for the present season's work.

Plumbing Department: The camp ground extension of the Mammoth auto camp was continued and the remodeling of the shower and laundry building was completed except for the installation of shower fixtures. The Old Faithful Camp extension work which was left unfinished last year was started and is practically finished at this time. It has consisted in the building of tables, fireplaces, roads, clearing stumps, and the completion of two comfort stations. The usual maintenance work was carried on by this department as well as the installation of the chlorine machines in the various

usual and with the warm weather that prevailed at that time we were able to get the road in excellent condition before opening it to traffic, and had very little shoveling to do prior to the opening date. The high water continued in the Shenkoma River and except for threatening the road in several places it did little damage, and the month was devoted to the strengthening of the present revetment and remapping the roads. The heavy rains made it impossible to keep this road in shape as the road does not have a gravel surface and at the present time is rutted badly and has caused considerable criticism. South Forest: This road came through the winter in excellent shape and has been maintained in that condition the entire month, although the section near Morris is rutted up badly due to the heavy traffic and the wet weather. This condition is unavoidable as we have only one maintenance crew with horse-drawn equipment covering the entire 30 miles. In addition, the road is unsurfaced and does not stand up under wet weather.

Dust Prevention: Approximately 150,000 gallons of oil were placed during the past month and the road is oiled from Gardiner to Dunmith, from Dunmith toward Tower Falls for 11 miles, from Dunmith to Morris, from Morris to Canyon, from Morris to Madison Junction, except for 4 miles which is under construction, from Madison Junction to West Yellowstone and from Madison Junction to the 12-mile post toward Old Faithful. A heavier type of oil has been used this year with much better results although we have had considerable criticism due to its adhesion to cars and trucks. However, we attempt to avoid this trouble by following the oil distributor with a road grader and covering the coating of oil with a light coating of sand or gravel. We have been successful to a certain extent in this and we also find that this method tends to build up a thicker mat which our experiments last year showed us is very desirable. The continued rains have hampered our operations and have hindered the progress of this work to such an extent that we have only placed approximately half the amount of oil we originally planned to spread.

250 - Maintenance of Buildings

Carpenter Shop: The carpenter-foreman and helper carried on the usual building maintenance and assisted in the Dunmith camp general extension.

Electrical Department: The Chief Electrician and two small crews have been busy the entire month trouble shooting on our telephone lines and the usual power line and lighting line maintenance. This month, due to the wet weather and the high windstorms, we have had more trouble with the telephone lines than heretofore and at times it has been impossible to keep our entire circuit in operation. At the end of the month these lines are in very good shape for the present season's work.

Plumbing Department: The camp ground extension of the Dunmith auto camp was completed and the remodeling of the shower and laundry building was completed except for the installation of shower fixtures. The old Faithful Camp extension work which was left unfinished last year was started and is practically finished at this time. It has consisted in the building of tables, fireplaces, roads, cleaning stumps, and the completion of two comfort stations. The usual maintenance work was carried on by this department as well as the installation of the chlorine machines in the various

sedimentary tanks and placing them in working condition. At the present time all of our sterilizing apparatus is working and sterilizing the effluent from the various tanks. In addition, much time of this department was devoted to the remodeling of the pipe lines for the unloading of road oil at Gardiner and the installation of the new 30,000 gallon storage tank.

Garage: The entire time of this department was devoted to the maintenance of the rolling stock and trouble shooting and similar repair work.

Paint Shop: The Master Painter and helper spent the entire month repainting the hospital.

230 - Road Construction:

The crew which reconstructed a section of the West Yellowstone-Madison Junction road completed their work June 10th and established camp on the West Gallatin-Grayling Creek section. By the end of the month this crew had been increased to 65 men. Due to the breakdown of the new steam shovel, after traveling one mile over park roads, the progress on this project has been held back considerably. It is hoped that the shovel can be repaired shortly and work started. The Firehole Road which was partly completed last month was finished up this month and surfaced, oiled and processed and is now in wonderful condition. The shovel was moved from the Firehole Road, where it has been used in surfacing work up the Gibbon Canyon, on the 28th, but due to the road being blocked by the contract work the shovel was left in the Gibbon Canyon until the new work could be made safe for its passage. This has delayed the progress on the Mammoth-Norris road considerably as the summer's work was to be done with this steam shovel, and for that reason we have had to change our plans considerably and use our crew at other points. The work that was opened up last fall has been finished and is in good condition at the present time. The sand cut at Norris was oiled and processed as the sand was too loose for road surface otherwise. The camp at the 17-mile post was abandoned and moved to Norris where we have one large crew which will handle the construction during the summer and the maintenance of the Norris section as well.

240 - Improvement of Approaches to Park

The contract for the construction of the bridge at Gardiner and the 7 miles of approach road between Gardiner and Corwin Springs will be let the coming month. The B.P.R. is making a survey of this section along the Shoshone Reservoir toward the crossing of the Shoshone River.

sedimentary tanks and placing them in working condition. At the present time all of our atrifilling apparatus is working and atrifilling the effluent from the various tanks. In addition, much time of this department was devoted to the remodeling of the pipe lines for the unloading of road oil at Darbiner and the installation of the new 30,000 gallon storage tank.

Garage: The entire time of this department was devoted to the maintenance of the rolling stock and trouble shooting and shelter repair work.

Paint Shop: The heater painter and helper spent the entire month repainting the hospital.

230 - Road Construction:

The crew which reconstructed a section of the West Williamstown-Eastlawn Junction road completed their work June 10th and established camp on the West Pelletier-Sergling Creek section. By the end of the month this crew had been increased to 65 men. Due to the breakdown of the new steam shovel, after travelling one mile over part roads, the purpose on this project has been held back considerably. It is hoped that the shovel can be repaired shortly and work started. The Pierpolo road which was partly completed last month was finished up this month and surfaced, oiled and processed and is now in workmanlike condition. The shovel was moved from the Pierpolo road, where it has been used in surfacing work up the Gibbon Canyon, on the 28th, but due to the road being blocked by the contract work the shovel was left in the Gibbon Canyon until the new work could be made safe for its passage. This has delayed the progress on the Lincoln-Morris road considerably as the shover's work was to be done with this steam shovel, and for that reason we have had to change our plans considerably and use our crew at other points. The work that was started up last fall has been finished and is in good condition at the present time. The road out at Morris was oiled and processed as the sand was too loose for road surface otherwise. The camp at the 17-mile post was abandoned and moved to Morris where we have one large crew which will handle the construction during the summer and the maintenance of the Morris section as well.

240 - Improvement of approaches to Dam

The contract for the construction of the bridge at Darbiner and the 7 miles of approach road between Darbiner and Morris spillway will be let the coming month. The L.A.L. is making a survey of this section along the Gibbons Reservoir toward the crossing of the Jhonbone River.

260 - Landscape Work

Chief Landscape Architect T. C. Vint was in the park the first time from June 13 to June 16. He covered the park quite thoroughly, conferring on the ground with representatives of the operators and with our own field officers. All proposed improvements to be made in the park this year were discussed with Mr. Vint, and locations for certain buildings were inspected and approved. The most important thing accomplished while Mr. Vint was here was the readjustment of our road program under which we abandoned the idea of building on the east side of the Gibbon River opposite Beryl Spring. It was decided to rebuild the road on the location of the present road, first, because the present road would have left a bad scar to be viewed from the new road, and, second, because the location of the new road was through a hot area which might have brought about serious construction difficulties. This was a very important landscape decision but was made at just the right time. On June 27th Mr. Vint returned to Yellowstone Park, and Mr. Ferruccio Vitale, the representative of the Fine Arts Commission, arrived. The main object of the visit of these two men, as I understand it, (I was away at the time), was to locate the new museum proposed for headquarters. When I returned I found that Messrs. Vint and Vitale had not located the museum at all. It seems that they agreed that everything at Mammoth Hot Springs would ultimately have to be torn down, that the whole situation here from the landscape standpoint was unsatisfactory, and that it would be foolish to erect a museum which might also have to be torn down some time. I did not have an opportunity to talk to Mr. Vint about this situation but it seemed to me to be ridiculous because from a practical standpoint Fort Yellowstone and the other buildings will remain here for a great many years and we should not be deprived of a museum, library, etc., pending the time when there can be a complete rearrangement of things at headquarters. I have just wired Mr. Vint asking him to return here to locate the museum.

300 - Activities of Other Agencies in the Park

310 - Public service contractors

Service in the park seems to have been exceptionally good except in the housekeeping cabins where an inadequate force was employed by the Yellowstone Park Camps Company with the result that the camps were very dirty and in other respects unsatisfactory. These housekeeping camps have always been treated more or less as "step children" but a conference just held with the officers of the Camps Company will undoubtedly result in their being given as much consideration as other facilities. So far we have not had any important complaints about any of the operators and everything seems to be going smoothly.

290 - Landscape Work

Chief Landscape Architect E. C. Vint was in the park the first time from June 13 to June 16. He covered the park quite thoroughly, conferring on the ground with representatives of the operators and with our own field officers. All proposed improvements to be made in the park this year were discussed with Mr. Vint, and locations for certain buildings were suggested and approved. The most important thing accomplished while Mr. Vint was here was the realignment of our road program under which we abandoned the idea of building on the west side of the ribbon River special service road. It was decided to modify the road on the location of the present road, first, because the present road would have left a bad scar to be viewed from the new road, and, second, because the location of the new road was through a hot area which might have brought about serious construction difficulties. This was a very important landscape decision but was made at just the right time. On June 27th Mr. Vint returned to Yellowstone Park, and Mr. Fernecole Vitale, the representative of the Vint Park Consultation, arrived. The main object of the visit of these two men, as I understand it, (I was away at the time), was to locate the new museum proposed for Lamphere. When I returned I found that Messrs. Vint and Vitale had not located the museum at all. It seems that they agreed that everything at Mammoth but spring would ultimately have to be torn down, that the whole attraction here from the landscape standpoint was unsatisfactory, and that it would be foolish to erect a museum which might also have to be torn down soon time. I did not have an opportunity to talk to Mr. Vint about this situation but it seemed to me to be ridiculous because from a practical standpoint Fort Yellowstone and the other buildings will remain here for a great many years and we should not be deprived of a museum, library, etc., pending the time when there can be a complete re-arrangement of things at headquarters. I have just wired Mr. Vint asking him to return here to locate the museum.

300 - Activities of Other Agencies in the Park

310 - Public service concessions

Service in the park seems to have been exceptionally good except in the housekeeping cabins where an inadequate force was employed by the Yellowstone Park Camps Company with the result that the camps were very dirty and in other respects unsatisfactory. These housekeeping camps have always been treated zero or less as "step children" but a conference just held with the officers of the camps Company will undoubtedly result in their being given as much consideration as other facilities. So far we have not had any important complaints about any of the operations and everything seems to be going smoothly.

400 - Flora, fauna and natural phenomena

410 - Ranger, Naturalist and Guide Service

Ranger activities during the month have consisted principally of the following: Seasonal changes and removals from winter to summer stations, trail maintenance and repair, snowshoe cabin construction, emergency repairs to telephone lines, information, guide and lecture service, traffic control, checking entrance and exit travel, preparation of travel statistics, police duties, communication service, fire lookout and forest patrols.

Rangers employed for summer season service reported for duty on June 15th and the tourist season duty schedules became effective on the 16th. Chief Ranger Woodring has been in charge of all Protection Department activities and personnel. The Assistants Chief Ranger and station chiefs have directly supervised most of the detail work of the Department. Cifcular No. 11, a copy of which is hereto attached, gives outline of duties and station assignment of all temporary park rangers.

There has been no forest fire hazard this season to date as rainfall has occurred almost daily throughout the month. Rangers assigned to forest patrols have been largely engaged in the maintenance and repair of trails and snowshoe cabins. Traffic patrols have been effective beginning June 17th. There have been no arrests and only a few minor violations have been reported. The speed regulations have been unusually well observed.

Nature and Formation Guide Service: Ranger guide and lecture service is provided at Mammoth Hot Springs, Old Faithful, Yellowstone Lake, Canyon and Tower Falls. Lectures are also delivered daily (evenings) at the public auto camp grounds at Thumb of Yellowstone Lake. The attendance at lectures was approximately 23,931, as compared with 20,651 at the close of June last year. 8821 visitors availed themselves of the ranger guide service as compared with 5758 prior to July 1st last year. The lecture and guide service reports for June 1927 and 1928 are noted in detail for comparative purposes as follows:

Guide Parties		1927	1928
Old Faithful District			
Hotel		1429	1429
Lodge		2111	2150
Nature Trail		165	184
	Total	3705	3763
Mammoth District			
Hotel		406	862
Lodge		1090	718
Nature Trail		84	243
	Total	1580	1823

400 - Flora, Fauna and Natural Phenomena

410 - Ranger, Naturalist and Guide Service

Ranger activities during the month have consisted principally of the following: Seasonal changes and removals from winter to summer stations, trail maintenance and repair, snowshoe cabin construction, emergency repairs to telephone lines, information, guide and lecture service, traffic control, checking entrance and exit travel, preparation of travel statistics, police duties, communication service, fire lookout and forest patrols.

Rangers employed for summer season service reported for duty on June 15th and the tourist season duty schedules became effective on the 16th. Chief Ranger Goodring has been in charge of all Protection Department activities and personnel. The Assistants Chief Ranger and station chiefs have directly supervised most of the detail work of the department. Circular No. 12, a copy of which is hereto attached, gives outline of duties and station assignment of all temporary park rangers.

There has been no forest fire hazard this season to date as rainfall has occurred almost daily throughout the month. Rangers assigned to forest patrols have been largely engaged in the maintenance and repair of trails and snowshoe cabins. Traffic patrols have been effective beginning June 17th. There have been no arrests and only a few minor violations have been reported. The speed regulations have been unusually well observed.

Nature and Information Guide Service: Ranger guide and lecture service is provided at Mammoth Hot Springs, Old Faithful, Yellowstone Lake, Canyon and Tower Falls. Lectures are also delivered daily (evenings) at the public auto camp grounds at Fishing or Yellowstone Lake. The attendance at lectures was approximately 23,921, as compared with 20,651 at the close of June last year. 8821 visitors availed themselves of the ranger guide service as compared with 5758 prior to July 1st last year. The lecture and guide service reports for June 1927 and 1928 are noted in detail for comparative purposes as follows:

Guide Parties

	1927	1928
Old Faithful District		
Hotel	1429	1429
Lodge	2111	2120
Nature Trail	165	164
Total	3705	3713
Mammoth District		
Hotel	406	862
Lodge	1090	718
Nature Trail	84	243
Total	1580	1823

Guide Parties (Contd.)

	1927	1928
Brought Forward	5285	7959
Canyon District		
Hotel to Inspiration Point	----	776
Lodge to Artist Point	----	1597
Total		2373
Yellowstone Lake District	425	848
Tower Falls District	48	14
Grand Total of all guide parties for June	5758	8821
Gain	3061	
	8821	

There were two guide parties daily from the hotels and lodges at Mammoth Hot Springs, Old Faithful and Canyon.

Lecture Service

	1927	1928
Mammoth District		
Hotel	1077	1505
Lodge	1255	990
Auto Camp	1150	1155
Total	3482	3650
Old Faithful District		
Bear Feeding Ground	7400	8600
Hotel	----	1210
Auto Camp	4408	3385
Lodge	1581	----
Total	13389	13195
Yellowstone Lake District	2535	
Fishing Bridge	----	840
Hotel	----	1520
Lodge	----	905
	2535	3265
Canyon District		
Bear Feeding Ground		
Hotel	1185	2938
Lodge	----	2671
Total	1185	5609
Tower Falls District	60	215
Thumb District - Public Auto Camp	--	---
Grand Total of all lectures for June	20651	25934
Gain	5283	

G u i d e P a r t i e s (Contd.)

Brought forward	3,605	1,727
		1,928
Canyon District		
Hotel to Inspiration Point	---	776
Lodge to Artist Point		1,727
Total		2,503
Yellowstone Lake District	425	848
Tower Falls District	48	14
Grand Total of all guide parties for June	3,725	6021
Gain	3,681	
	6021	

There were two guide parties daily from the hotels and lodges at Mammoth Hot Springs, Old Faithful and Canyon.

L e c t u r e S e r v i c e

Mammoth District	1,727	1,928
Hotel	1,077	1,505
Lodge	1,255	990
Auto Camp	1,150	1,455
Total	3,482	3,950
Old Faithful District		
Bear Feeding Ground	7,400	6,600
Hotel	----	1,210
Auto Camp	4,408	3,985
Lodge	1,581	----
Total	13,389	12,795
Yellowstone Lake District	2,335	
Fishing Bridge	----	840
Hotel	----	1,420
Lodge	----	605
	2,335	2,865
Canyon District		
Bear Feeding Ground		
Hotel	1,185	2,238
Lodge	----	1,171
Total	1,185	3,409
Tower Falls District	60	215
Thumb District - Public Auto Camp	--	---
Grand Total of all lecture for June	20,350	23,334
Gain	3,084	

The ranger guide and lecture service is under the immediate supervision of Mr. Gerald E. Marsh of Carleton College, Northfield, Minn. Much favorable comment has been heard on the excellence of this service.

420 - Museum Service

Reports on the number of visitors to the museum and information office at park headquarters show a substantial increase over last year, as indicated by the following comparative figures: June 1927, total 5500; June 1928, total 7467, gain 1967. Three hundred and seventy-five free Government publications were distributed and 459 Government publications were sold, together with 106 miscellaneous publications. The museum and information service is under the immediate supervision of Park Naturalist Dorr G. Yeager. The following is Mr. Yeager's report for the month of June:

Lectures and Field Trips: On the evening of June 5th the Park Naturalist began the seasonal lectures at the auto camp at Mammoth Hot Springs. These lectures were continued until it became necessary to abandon them because of duties in connection with the arrival of the members of the Educational Division. These lectures, totaling 172 in attendance, are not included in the monthly report submitted on Form "A" attached. The regular season lectures and field trips started on June 20th. Much enthusiasm has been shown by the members of the staff in the performance of their duties. 131 lectures have been given since the opening of the season with a total attendance of 23,931. 156 field trips have been conducted with a total attendance of 9780.

Museum: The museum opened on June 1st after having been rearranged and new exhibits installed. Much interest has been shown on the part of the tourists in the model wild life groups completed during the past winter. The total attendance for the museum during the month of June is 7883.

Flower Show: A display of fresh cut flowers has been maintained in the museum since the first of the month and has attracted a great deal of attention. A total of 66 species have been displayed during the month.

Nature Notes: The June issue of Nature Notes was completed and 436 franked on the 4th of the month.

Miscellaneous: (a) The members of the Educational Division arrived a few days before the season started and with the aid of Mr. Marsh their duty schedules, record of reports, etc., were worked out. Conferences were held with each man in order to get acquainted and to ascertain the best position in which to place him. A two day trip around thenloop was taken with the staff to better acquaint it with the park before taking up the summer duties. (b) Several days during the month have been spent on a tour of the park, hearing lectures and talking over problems with the members of the staff. (c) The idea of a Ranger Naturalists news letter has been formulated to keep the members of the staff in closer contact with current operation. The first number of this letter was sent out on June 28th.

The ranger guide and lecture service is under the immediate supervision of Mr. Gerald E. Marsh of Carleton College, Northfield, Minn. Much favorable comment has been heard on the excellence of this service.

420 - Museum Service

Reports on the number of visitors to the museum and information office at park headquarters show a substantial increase over last year, as indicated by the following comparative figures: June 1947, total 4300; June 1946, total 7467, gain 1967. Three hundred and seventy-five free Government publications were distributed and 459 Government publications were sold, together with 106 miscellaneous publications. The museum and information service is under the immediate supervision of Park Naturalist Jerr G. Yeager. The following is Mr. Yeager's report for the month of June:

Lectures and Field Trips: On the evening of June 5th the Park Naturalist began the seasonal lectures at the auto camp at Lemonth Hot Springs. These lectures were continued until it became necessary to abandon them because of duties in connection with the arrival of the members of the Educational Division. These lectures, totaling 172 in attendance, are not included in the monthly report submitted on Form "A" attached. The regular season lectures and field trips started on June 20th. Much enthusiasm has been shown by the members of the staff in the performance of their duties. 131 lectures have been given since the opening of the season with a total attendance of 21,951. 156 field trips have been conducted with a total attendance of 7760.

Museum: The museum opened on June 1st after having been rearranged and new exhibits installed. Much interest has been shown on the part of the tourists in the total wild life groups completed during the past winter. The total attendance for the museum during the month of June is 7863.

Flower Show: A display of fresh cut flowers has been maintained in the museum since the first of the month and has attracted a great deal of attention. A total of 66 species have been displayed during the month.

Nature Notes: The June issue of Nature Notes was completed and 450 printed on the 4th of the month.

Miscellaneous: (a) The members of the Educational Division arrived a few days before the season started and with the aid of Mr. Marsh their duty schedules, record of reports, etc., were worked out. Conferences were held with each in order to get acquainted and to ascertain the best position in which to place him. A two day trip around the loop was taken with the staff to better acquaint it with the park before taking up the summer duties. (b) Several days during the month have been spent on a tour of the park, holding lectures and talking over problems with the members of the staff. (c) The time of a Ranger Naturalists news letter has been formulated to keep the members of the staff in closer contact with current operation. The first number of this letter was sent out on June 28th.

New Museum Project: Much time has been devoted to cooperation with Mr. Bumpus and Mr. Maier on the new museum project. Numerous conferences have been held on location, plans, etc., for the museum and branch buildings.

Nature and Formation Trails: (a) The signs on the formations at Old Faithful have been checked and those bearing erroneous names removed. New signs have been installed where they were needed. The names have been changed to conform with the check list worked out last fall by Mr. Albright, Mrs. Arnold and Mr. Haynes. (b) One hundred signs have been installed on the Old Faithful Nature Trail and strings run to the different objects of especial interest. (c) Signs for the Mammoth Nature Trail have been installed. A register and rustic bench have been placed at the top of this trail and a great many favorable comments have been received up to the present time on the service rendered.

Personnel Report: In addition to the regular Ranger-Naturalist Staff the splendid work of Rangers Ogston and Martindale should be mentioned. Their cooperation with the Educational Division has been excellent and many favorable comments have been received on their work. Ranger-Naturalist Baker is still on special assignment with the Geophysical Laboratory.

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SUMMARY OF SALES PUBLICATIONS

Publication	1927 No.	1927 Sales	1928 No.	1928 Sales
Rules and Regulations, Free	250		350	
Bulletin A 611	2	2.00	2	2.00
Bulletin B 612	3	1.50	2	1.00
Fishes	61	3.05	75	3.75
Fossil Forests	84	8.40	143	14.30
Geysers	108	10.80	181	18.10
Geological History	116	11.60	191	19.10
Portfolios	60	60.00	No books	
U.S.G.S.	25	6.25	33	8.25
TOTAL GOVERNMENT	459	103.60	527	66.50
American Antelope	2	.60	2	.60
Bears of Yellowstone	3	7.50	3	7.50
Birds - Skinner	7	7.00	5	5.00
Chittenden Y.N.P.	7	17.50	4	12.00
Haynes Guide Book	48	36.00	50	37.50
Haynes Guide Book - Deluxe		No books	3	4.50
James Bridger				
Langford's Discovery (1.50)	5	7.50	1	1.50
Langford's Discovery (.75)	10	7.50	3	2.25
Nature Book	3	7.50	1	2.50
Oh, Ranger!	No books		9	22.50
Sierra Club Bulletin	No books		1	.75
Trees and Flowers (.75)	16	12.00	2	2.00
Trees and Shrubs	2	1.00	8	4.00
Trees and Shrubs	3	2.25	2	1.50
TOTAL MISCELLANEOUS	106	106.35	94	104.10
GRAND TOTAL	565	209.95	621	170.60

New Museum project: Work this has been devoted to cooperation with Dr. Jessup and Mr. Baier on the new museum project. Numerous conferences have been held on location, plans, etc., for the museum and branch buildings.

Future and permanent trails: (a) The signs on the Fern Glade as old trails have been checked and have bearing erroneous dates removed. The signs have been installed where they were needed. The trees have been changed to conform with the dates list worked out last fall by Mr. Albright, Mrs. Israel and Mr. Jones. (b) The lettered signs have been installed on the old Pioneer Nature Trail and strings run to the different objects of geological interest. (c) Signs for the Dunmuth Nature Trail have been installed. A registry and trestle seats have been placed at the top of this trail and a great many favorable comments have been received up to the present time on the service rendered.

Personnel Bureau: In addition to the regular Junior-Naturalist work the planning work of Junior Guides and Naturalists should be mentioned. This co-operation with the educational division has been excellent and many favorable comments have been received on their work. Junior-Naturalist Bureau is still in special assignment with the Geological Laboratory.

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MEMORY OF BEING PUBLICATIONS

Publication	No.	1927 Sales	No.	1928 Sales
Sales and Exchanges, Free	250			
Bulletin 4 Gil	2	2.00	2	2.00
Bulletin 3 Giz	3	1.50	2	1.00
Fliers	61	3.05	75	3.75
Local Forests	84	8.40	143	14.30
Lagoons	100	10.00	161	16.10
Geological History	116	11.60	191	19.10
Portfolios	60	60.00	80	Free
C.C.C.	25	6.25	25	6.25
TOTAL SUMMARY	499	103.00	704	66.70
American Antelope	2	.60	2	.60
Sons of Yellowstone	3	7.50	3	7.50
Birds - Summer	7	7.00	3	3.00
Christmas T.B.A.	7	17.50	4	12.00
Lagoon Guide Book	48	96.00	90	57.50
Lagoon Guide Book - Nature		No book	3	4.50
Jesse Trifler				
Langford's Discovery (1.50)	5	7.50	1	1.50
Langford's Discovery (.75)	10	7.50	3	2.25
Nature Book	3	7.50	1	2.50
Dr. Sargent		No books	3	[illegible]
Storm Glen Bulletin		No books	1	.75
Trees and Flowers (.75)	16	12.00	2	1.00
Trees and Shrubs	2	1.00	8	4.00
Trees and Shrubs	3	2.25	2	1.50
TOTAL SALES LAGOON	106	105.35	94	104.10
GRAND TOTAL	569	209.35	821	170.60

Form A. SUMMARY OF EDUCATIONAL ACTIVITIES

Headquarters Station

For month ending June 30, 1928.

Place	Field Trips No.	Field Trips Att.	Lectures No.	Lectures Att.	Museum Att.	Publ. Dist. No. Sales	Total Persons Served
Mammoth	47	1804	37	3,955	7883		13,642
Old Faithful	49	3763	33	11,145			14,908
Lake	13	848	23	2,575			3,423
Fishing Bridge			8	840			840
Canyon	43	3351	22	5,211			8,562
Tower Falls	4	14	8	215			219
TOTALS	156	9780	131	23,931	7883		41,594

COMPARATIVE TOTALS TO DATE

	1927	1928
Lectures	17,169	23,931
Field Trips	5,758	9,780
Museum	5,500	7,883
Total Persons Served	28,427	41,594

Form 1.

SUMMARY OF INFORMATIONAL ACTIVITIES

Headquarters Station

For month ending June 30, 1945.

Item	Field Trips		Lectures		Radio Broadcasts		Total Persons Served
	No.	Att.	No.	Att.	No.	Att.	
Museum	47	1604	37	3,355		7883	13,642
Old Faithful	49	3765	33	11,445			14,908
Lake	13	644	25	2,375			3,425
Fishing Bridge			8	840			840
Canyon	43	3351	22	5,211			8,562
Tower Falls	4	14	8	215			229
TOTALS	156	9780	131	23,921		7883	41,584

DEMONSTRATION TOTALS TO DATE

	1944	1945
Lectures	17,169	23,921
Field Trips	7,759	9,780
Museum	3,400	7,883
Total Persons Served	28,327	41,584

430 - Zoo at Buffalo Corral

The principal attraction at this point consists of 11 selected buffalo bulls from the Lamar River herd. Other attractions consist of the captive bear, Juno, 2 yearling elk calves, a yearling antelope, a yearling white tail deer, an antelope kid, a brown cub bear, a golden eagle and a coyote pup. Approximately 4200 people have visited the corral and zoo as compared with 3800 prior to July 1st last year.

470 - Animals

There is nothing unusual to report concerning wild animals at this time. The annual increase is apparently normal and there is every indication of an excellent forage crop.

Elk: Small bands are frequently seen on the meadows near Norris and Fountain stations and along the Yellowstone River between Lake and Canyon. Large bands are rarely, if ever, seen in summer. They are ranging principally on the 7,000 to 8,000 feet levels in the remote districts of the park.

Deer: These animals frequently appear along the roadsides in the north district of the park, particularly between Norris and Mammoth Hot Springs. Visitors have many opportunities to view and photograph them at close range.

Antelope: Herd conditions are apparently excellent. A small band of 4 has been seen by many hundreds of people almost daily on the Park Service hay fields near Gardiner. Other appearances are frequently reported along the highway between Mammoth Hot Springs and Buffalo Ranch. There is nothing at all unusual in the movements or condition of the antelope herd.

Moose: Rangers and visitors report numerous appearances of moose along the highways, particularly in the Snake River, Sylvan Pass, Norris, Tower Falls, Soda Butte and Gallatin districts. There is apparently no cause for alarm concerning their numbers and distribution within the park at this time.

Buffalo- Lamar River Herd: Herd conditions are good. Most of the bands are now ranging the slopes of Mt. Norris and along the meadows of the Upper Lamar River. The calf count at the close of June was 85. There is nothing of interest to report concerning the Cold Creek-Pelican Creek herd at this time.

Sheep: Sheep conditions are apparently very much improved. No losses are known to have occurred during the month. All bands observed showed very little evidence of scabies or lung worm infection. The Mt. Everts herd, numbering about 48, were observed in Golden Gate Canyon early in the month. They were apparently en route to the Big Horn Pass region which is a well known sheep district in summer. There was very little evidence of disease in this band.

450 - Zoo at Buffalo Corral

The principal attraction at this point consists of 11 selected buffalo bulls from the Lamar River herd. Other attractions consist of the captive bear, lynx, 2 yearling elk calves, a yearling antelope, a yearling white tail deer, an antelope kid, a brown cub bear, a golden eagle and a coyote pup. Approximately 4200 people have visited the corral and zoo as compared with 3800 prior to July 1st last year.

470 - Animals

There is nothing unusual to report concerning wild animals at this time. The annual increase is apparently normal and there is every indication of an excellent forage crop.

Elk: Small bands are frequently seen on the meadows near Norris and Fountain entrance and along the Yellowstone River between Lake and Canyon. Large bands are rarely, if ever, seen in summer. They are residing principally on the 7,000 to 8,000 feet levels in the remote districts of the park.

Deer: These animals frequently appear along the roadsides in the north district of the park, particularly between Norris and Mammoth Hot Springs. Visitors have many opportunities to view and photograph them at close range.

Antelope: Herd conditions are apparently excellent. A small band of 4 has been seen by many hundreds of people almost daily on the Park Service hay fields near Gardiner. Other appearances are frequently reported along the highway between Mammoth Hot Springs and Buffalo Ranch. There is nothing at all unusual in the movements or condition of the antelope herd.

Moose: Rangers and visitors report numerous appearances of moose along the highways, particularly in the Snake River, Sylvan Pass, Norris, Tower Falls, Soda Butte and Gallatin districts. There is apparently no cause for alarm concerning their number and distribution within the park at this time.

Buffalo- Lamar River Herd: Herd conditions are good. Most of the bands are now ranging the slopes of Mt. Norris and along the meadows of the Upper Lamar River. The calf count at the close of June was 56. There is nothing of interest to report concerning the Cold Creek-Yellow Creek herd at this time.

Sheep: Sheep conditions are apparently very much improved. No losses are known to have occurred during the month. All bands observed showed very little evidence of scables or lung worm infection. The Mt. Sawtelle herd, numbering about 48, were observed in Golden Gate Canyon early in the month. They were apparently en route to the Big Horn Pass region which is a well known sheep district in summer. There was very little evidence of disease in this herd

Bears - black and brown: Increased numbers are reported from all points in the upper park over the counts submitted last year. They are particularly numerous at Old Faithful, Thumb, Lake, Canyon and Tower Falls. Wayside appearances occur as usual at many points along the loop road and the visitor is rare indeed who fails to see one or more of the bears. Ranger guards are on duty at the various feed grounds between the hours of 6 and 8 p.m. This duty includes lectures at Old Faithful and Canyon on the bears and other wild life of the park.

Bears, grizzly: The rangers at Canyon, Yellowstone Lake and Old Faithful report increased numbers of grizzlies on the feed grounds at these points. Eight have been reported at Old Faithful. There are about 50 at Canyon and 6 at Yellowstone Lake. The report from Canyon includes the following:

3 mothers with 2 cubs each
2 mothers with 4 cubs each
3 mothers with 3 cubs each
4 mothers with 1 cub each, making a total of 27 cubs.

There were 40 grizzlies by actual count on the hotel feed ground at Canyon on the evening of July 5th. Ten were counted on the feed ground near Canyon Lodge at approximately the same hour.

Small Animals: There is no apparent decrease in the numbers or variety of small animals; rodents are particularly numerous and visitors find much diversion by feeding the woodchucks so abundantly present in the vicinities of the hotels and camps.

Predatory Animals: There is nothing of interest to report concerning predatory animals at this time.

Fishing: Fishing has been only moderately good this season to date on account of the heaviest June precipitation in 12 years. The rainfall was 1.35 inches in excess of normal. The park was opened to travel on June 1st and fishing was then authorized in all the lakes and streams with the exception of Wolf, Grebe, Cascade, Squaw and Fish Lakes. These lakes will be closed throughout the year. The total reported catch prior to July 1st is 6929 as compared with 4671 prior to July 1st last year. The record catch of recent years was 15,412 prior to July 1st, 1926. These figures do not include the catch by rail tourists or residents of the park.

Dogs: Dogs are admitted for transportation through the park on special authority of the Superintendent, subject to the condition that they will be kept on leash or crated at all times while within the park. A total of 280 have been admitted this season to date as compared with 245 to July 1st last year, 500 in 1926 and 342 in 1925.

Buffalo and Other Ranch Operations: The activities at Buffalo Ranch have consisted principally of routine spring season work, including the care of horses, the repair and maintenance of property and equipment, maintenance work on roads and culverts in the immediate vicinity of the ranch, irrigation of hay lands, and riding with the buffalo herd.

Bears - black and brown: Increased numbers are reported from all points in the upper park over the counts submitted last year. They are particularly numerous at Old Faithful, Canyon, Lake, Canyon and Tower Falls. Bears appearances occur as usual at many points along the loop road and the visitor is rare indeed who fails to see one or more of the bears. Ranger guards are on duty at the various food grounds between the hours of 6 and 8 p.m. This duty includes lectures at Old Faithful and Canyon on the bears and other wild life of the park.

Bears, grizzly: The rangers at Canyon, Yellowstone Lake and Old Faithful report increased numbers of grizzlies on the food grounds at these points. Eight have been reported at Old Faithful. There are about 50 at Canyon and 6 at Yellowstone Lake. The report from Canyon includes the following:

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Small animals: There is no apparent decrease in the numbers or variety of small animals; rodents are particularly numerous and visitors find much diversion by feeding the woodchucks so abundantly present in the vicinities of the hotels and camps.

Predatory Animals: There is nothing of interest to report concerning predatory animals at this time.

Fishing: Fishing has been only moderately good this season to date on account of the heavier than precipitation in 12 years. The rainfall was 1.35 inches in excess of normal. The park was opened to travel on June 1st and fishing was then authorized in all the lakes and streams with the exception of Yellowstone, Grebe, Cascade, Duane and Fish Lakes. These lakes will be closed throughout the year. The total reported catch prior to July 1st is 6929 as compared with 4677 prior to July 1st last year. The record catch of recent years was 15,412 prior to July 1st, 1926. These figures do not include the catch by rail tourists or residents of the park.

Dogs: Dogs are admitted for transportation through the park on special authority of the Superintendent, subject to the condition that they will be kept on leash or crated at all times while within the park. A total of 280 have been admitted this season to date as compared with 245 to July 1st last year, 500 in 1926 and 342 in 1925.

Buffalo and Other Ranch Operations: The activities at Buffalo Ranch have consisted principally of routine spring season work, including the care of horses, the repair and maintenance of property and equipment, maintenance work on roads and culverts in the immediate vicinity of the ranch, irrigation of hay lands, and riding with the buffalo herd.

Other activities have consisted of the building of 5600 feet of fence, the cutting of 1060 fence posts, 6 gateposts and 600 rails, length of rails 17 feet. The activities at the other ranches have consisted principally of the irrigation of the hay lands and necessary preparations for harvesting.

480 - Natural Phenomena

Mammoth Hot Springs: Since June 15 Old Hymen, Minerva, and a portion of the Narrow Gauge Terrace have made a noticeable increase in outflow and the Narrow Gauge has developed a new fissure at one point. The first faint suggestions of the beautiful coloration at Hymen Terrace are visible as the increased moisture makes the old terraces again habitable to the algae which cause the colors for which the Terraces as a whole are famous. It is to be hoped that the older portion of Hymen Terrace may thus delight the 1928 Park visitors.

The well known Minerva Terrace gives promise of reawakening after two complete cessations of activity within the last ten months. The last week of August 1927 witnessed the first failure of the water but the flow was again resumed in September. A gradual decrease followed through several months until in April, 1928, the vent became bone dry. On June 21 a considerable amount of drip was noticed from the broken edge of the roof of the cave-like opening located about four yards to the south and a little to the west of the spring. The dripping is resulting in the rapid formation of stalactites and stalagmites.

The Narrow Gauge Terrace presented to visitors a small new vent near the south end on the morning of June 20. Increase in the length of the fissure and also in the amount of outflow have been evident since. The new overflow has gone chiefly down the eastern slope of the long, narrow terrace. Until turned aside a few days ago the water flowed directly down the center of the Terrace Trail and added to the interest of the climb.

Upper Geyser Basin: Giant Geyser erupted on May 31st (midnight) and June 17th. Beehive erupted on June 12th and 27th. Also on Jan 19, 1928 Castle has been unusually active at average intervals of 48 hours. The average interval for Grand is 14 hours. Giantess has not been active this year. Riverside, Daisy, Grotto and Rocket, Oblong and Sawmill have not displayed any unusual activity this month. Old Faithful has played at intervals ranging from 63 to 70 minutes with very little variation in power and volume.

490 - Miscellaneous

Private auto travel was admitted at the north and west gates on June 1st, and the dates of opening of other roads is given elsewhere in this report.

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490 - Miscellaneous

Private auto travel was admitted at the north and west gates on June 1st, and the dates of opening of other roads is given elsewhere in this report.

500 - Use of Park Facilities by the Public

510 - Increase or Decrease of Travel

The report of the Chief Park Ranger for June 1928, together with a table of comparative figures for June 1927 and 1926, are attached hereto. The total travel this season to July 1st is 31,956 as compared with 25,884 to July 1st, 1927, and 30,661 to July 1st, 1926. The travel prior to July 1st this season is the largest of record.

520 - General Weather Conditions

The month was decidedly cool with considerable unsettled showery weather. The mean temperature is the lowest for the past 12 years and averaged 6.4° below the normal. The highest temperature was 73° on the 28th, the lowest 31° on the 1st.

Precipitation in measurable amounts occurred on 18 days and was 80% over the normal. Snow fell on the 16th and 17th and totaled 7.1 inches, 6.2 inches of which occurred on the 17th, the heaviest fall since 1905. The greatest precipitation in 24 hours was 0.69 on the 17th.

The percent of possible sunshine was 54, or 15% below the normal. There were no clear days, 14 partly cloudy, and 16 cloudy.

The wind movement was about normal with an average velocity of 6.4 miles per hour. The maximum velocity was 34 miles per hour from the southwest on the 6th. The prevailing direction for the month was north.

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Following an extended period of cold, showery weather, this locality experienced a heavy fall of snow on the morning of June 17. Snow of varying depths fell throughout the park, Mammoth recording 6.2 inches.

This storm occurred on the anniversary of a similar one in June, 1905, when 8.0 inches of snow fell in a few hours. In each case the precipitation began in the form of rain, with falling temperature, continuing until the temperature reached the freezing point, the rain then turning to snow.

Snow is not uncommon in June but generally is confined to small amounts. The total precipitation for this storm amounted to .69 inch. No snow was reported at any other station on the 17th and Mammoth was one of the coldest places in the country on this morning.

The cool weather has been general over the northwest for some time.

500 - Use of Park Facilities by the Public

510 - Increase or Decrease of Travel

The report of the Chief Park Ranger for June 1936, together with a table of comparative figures for June 1927 and 1936, are attached hereto. The total travel this season to July 1st is 31,356 as compared with 25,884 to July 1st, 1927, and 30,661 to July 1st, 1936. The travel prior to July 1st this season is the largest of record.

520 - General Weather Conditions

The month was decidedly cool with considerable unsettled showery weather. The mean temperature is the lowest for the past 12 years and averaged 6.4° below the normal. The highest temperature was 75° on the 28th, the lowest 32° on the 1st.

Precipitation in measurable amounts occurred on 18 days and was 80% over the normal. Snow fell on the 16th and 17th and totaled 7.1 inches, 6.2 inches of which occurred on the 17th, the heaviest fall since 1905. The greatest precipitation in 24 hours was 0.69 on the 17th.

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The cool weather has been general over the northwest for some time

540 - Special Visitors

Mr. C. F. Culler, Supervisor, Bureau of Fisheries, LaCrosse, Wis., came in via Gardiner on June 26th and is still here.

Mrs. Charles Sumner Bird of Boston, Mass., called at the office on the afternoon of June 26th and presented a letter of introduction given her by Secretary Work at Kansas City on June 15th. She was accompanied by her sister, Miss Child. They came in via Cody on June 25th and left via the Jackson Hole country on June 26th.

Mr. William H. Sied, painting and decorating contractor, of 155 N. Clark St., Chicago, Ill., called at the office on June 26th at the request of Mr. Mather, for whom he has worked at different times during the past 30 years. He came in via Gardiner on June 26th and left via Cody on the 30th of June.

Mr. Jesse B. McCarger of San Francisco, came in via Gardiner on June 27th and left via Gardiner on July 1st. He had a letter of introduction from Mr. Herman Phleger.

Mr. Ferruccio Vitale of 101 Park Ave., New York City, representative of Fine Arts Commission on Educational Committee, came in via Gardiner on the morning of June 27th and left via Cody on the 20th. He came here to meet representatives of the Museum Association. He was accompanied by Mrs. Vitale.

Mrs. Evangeline Sunday, of the Appointment Division, Office of the Secretary of the Interior, Washington, D. C., came in via the west entrance on June 26th and left via the same gateway on June 30th. She presented a letter of introduction given her by Mr. Demaray of the National Park Service at Washington, D. C.

Mr. Harry J. Donney, President, Duluth, Minn., chapter, Izaak Walton League of America, one of the leading Waltonians at the head of the Minnesota Division, accompanied by Mrs. Donney, came in via Gardiner June 25th and left via Cody on the 30th of June.

Mr. Harvey S. Firestone, President of the Firestone Tire Company, accompanied by Harvey S. Firestone, Jr., director of the company, and Vice President of Firestone Plantations in Liberia, and his other two sons, Russell Firestone, Vice President of the Firestone Tire & Rubber Company of California and Leonard, Princeton University student, came in via Gardiner on June 27th and left via Gardiner the same day.

Mr. Frank C. Ashbrook, in charge of Division of Fur Resources, Biological Survey, Washington, D.C., accompanied by Mrs. Ashbrook, arrived at the West Yellowstone entrance the morning of June 25th. Mr. Ashbrook could not continue his trip through the park because of a wire calling him to Los Angeles, but Mrs. Ashbrook came in on the 25th of June and spent the night at Old Faithful. She left via the west gateway on June 29th.

Mr. C. F. Culler, superviser, Bureau of Fisheries, Lacrosse, Wis., came in via Gardiner on June 26th and is still here.

Mrs. Charles Sumner Bird of Boston, Mass., called at the office on the afternoon of June 26th and presented a letter of introduction given her by Secretary Park at Kansas City on June 19th. She was accompanied by her sister, Miss Child. They came in via Cody on June 25th and left via the Yellowstone Lake country on June 26th.

Mr. William H. Bird, painting and decorating contractor, of 157 E. Ohio St., Chicago, Ill., called at the office on June 26th at the request of Mr. Esther, for whom he has worked at different times during the past 10 years. He came in via Gardiner on June 26th and left via Cody on the 30th of June.

Mr. Jesse S. Lockwyer of San Francisco, came in via Gardiner on June 27th and left via Gardiner on July 1st. He had a letter of introduction from Mr. Herman Faleger.

Mr. Portuondo Vitale of 101 Park Ave., New York City, representative of Fine Arts Commission on Educational Commission, came in via Gardiner on the morning of June 27th and left via Cody on the 30th. He came here to meet representatives of the Dawson Association. He was accompanied by Mr. Vitale.

Mrs. Evangeline Bunday, of the Appointment Division, Office of the Secretary of the Interior, Washington, D. C., came in via the west entrance on June 26th and left via the same gateway on June 30th. She presented a letter of introduction given her by Mr. Demary of the National Park Service at Washington, D. C.

Mr. Harry L. Dunny, President, Duluth, Minn., chapter, Izaak Walton League of America, one of the leading Waltonians at the head of the Minnesota division, accompanied by Mrs. Dunny, came in via Gardiner June 27th and left via Cody on the 30th of June.

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Mr. Ernest F. McGregor, Governor of New England Kiwanis, with a party of 65, came into the park via West Yellowstone on the morning of June 25th and they left via the same gateway on June 29th. Mr. McGregor, in addition to being Governor of the entire New England district of Kiwanis International, is a leading clergyman of Massachusetts and a former employee in Yellowstone Park for three consecutive summers.

Mr. J. H. McCarroll, of the Bankers Life Insurance Company, came into the park on June 21st and was in the park a few days making arrangements for the visit of the Bankers Life Insurance Company party in August.

Mr. Frank L. Polk, Director, Northern Pacific Railway, entered the park at Gardiner on the evening of June 26th, accompanied by his wife and family. They were on a special train. They left via Gardiner June 28th.

Mr. Arthur Cooley, attorney of San Francisco, Calif., came in via West Yellowstone on June22nd and left the park some time around the 26th. He is a friend of J. F. Douglas, brother of Assistant Chief Ranger Douglas.

Mr. E. A. Shadle, Director, and former President of Inland Automobile Association, Spokane, Wash., came in via West Yellowstone on June 24th and left via Gardiner on June 28th.

Mr. George H. Winslow, of Washington, D.C., Kiwanis Club, came in via the north entrance on June 23rd and left via Cody on June 27th. He was accompanied by his wife, and had a letter of introduction from Geo. O. Vass, Vice President of Riggs National Bank, Washington, D. C.

Mr. James Carmichael, Rotarian of London, England, came in via the north entrance on June 24th and left via Cody on the 28th. Mr. Carmichael was accompanied by his wife and friend of Minneapolis. A telegram was received from G. W. Harris of Harris & Ewing stating that Mr. Carmichael was coming to the park.

Mr. Joe Mills of the Crags, The House on the Hill, Estes Park, Colo., accompanied by his wife and children, came in via Cody on June 22nd and left via the south entrance on June 28th.

Mr. William M. Calder, former Senator from New York, came in via West Yellowstone on June 23rd and left via Gardiner on June 27th.

Mrs. Frank C. Atherton of Honolulu, Hawaii, accompanied by her daughter, came in via Cody on June 23rd and left via West Yellowstone on June 26th. Mr. Atherton is connected with the Inter-Island Steamship Company and has taken special interest in Hawaii Park.

Mr. Addison T. Smith, Congressman from Idaho, came in via the West entrance on June 20th to attend the opening ceremonies. He left via West Yellowstone on June 23rd.

Mr. Joseph R. Bontquin, director of the Regional Council, with a party of 65, came into the park via foot trail yesterday as the leaving of some 25th and Gray left via the same pathway on June 17th. Mr. Bontquin, in addition to being director of the entire five regional district of Canada Conservation, is a leading oversseas of Commonwealth and a strong supporter in initiative for more for these conservation measures.

Mr. G. E. Bonnerjil, of the Bombay Lady Conference Congress, came into the park on June 21st and was in the park a few days making arrangements for the visit of the Bombay City Conference Congress in August.

Mr. Frank E. Jelly, Jerseyor, Mr Edwin Jonlie Jelly, arrived the park as members on the 'meeting of June 25th, accompanied by his wife and family. They were on a special break. They left via Cortlaw Lake 27th.

Mr. Arthur Cooley, attorney of San Francisco, Calif., came in via Jack Valleyvoss on Cornfield and left the park some time around the 15th. He is a friend of Mr. F. Douglas, brother of Justices Clint Douglas Douglas.

Mr. Mr. Mr Charles, Director, and Family President of Island Lumbermills Lumbertrains, Quebec, Canada, came in via Jack Valleyvoss on June 27th and left via Portlaw on June 29th.

Mr. George H. Spencer, of Washington, D.C., Jimmie Club, came in via the Jack Valleyvoss on June 23rd and left via Gray on June 27th. He was accompanied by his wife, and had a letter of introduction from Bob V. Fant, President of Eagle National Bank, Washington, D. C.

Mr. James Carmichael, Sonator of Jackson, England, came in via the Jack Valleyvoss on June 25th and left via Gray on the 27th. Mr. Carmichael was accompanied by his wife and friend of Hammerpolis. A Salugoro was rented from Mr. Harvie of Jerrie & Gray starting June 25. Carmichael was staying in the park.

Mr. Jon Hills of the Gray, the House on the Hill, Jackson Park, Calif., accompanied by his wife and children, came in via Gray on June 21st and left via the Jack Valleyvoss on June 25th.

Mr. William H. Cooper, Senator Senator from New York, came in via Jack Valleyvoss on June 23rd and left via Gray on June 27th.

Mr. Frank G. Albertson of Hamilton, Canada, accompanied by his daughter, came in via Gray on June 23rd and left via Jack Valleyvoss on June 27th. Mr. Albertson is associated with the Sun-Island Insurance Company and has been special interest in Canadi Jack.

Mr. Addison T. Jelly, Congressman from Jackson, came in via the Jack Valleyvoss on June 27th to attend the special conference. He left via Jack Valleyvoss on June 29th.

Miss Mary Louise Chace of the Office of Nation's Business, Washington, D. C., came in via West Yellowstone on June 20th and left via Cody on June 24th.

Mr. Blair W. Reid, Director, New York Zoological Park, 185th St. & Southern Boulevard, New York City, came in via West Yellowstone on the afternoon of June 19th and left via the west entrance on June 23rd.

Mr. H. A. Scandrett, President, C. M. & St. Paul Ry., came in via West Yellowstone on June 20th to attend the opening ceremonies. He left the afternoon of June 22nd via Gallatin Gateway.

German Officials for Hygiene, Health and Public Utilities, came in via West Yellowstone on June 20th and left via Cody on the 23rd. The party was conducted by Privy Councillor Dr. Max Beninde, President of the German Government Institute for Water Soil and Air Hygiene and his co-worker Prof. Dr. Bernhard Buerger. Others in the party were Dr. Heinrich Helbing, Dr. Max Pruss, Mr. Fritz Langbein, Karl Fehring, Fritz Mieder, Willi Hilland and Otto Mohr.

Mr. C. T. Hanson, Post Office Inspector for the Wyoming Division, accompanied by Mr. J. C. Lindland, Chief Inspector of the Denver Division, Post Office Department, came in via Gardiner on June 18th and left via Gardiner on the 22nd.

Mr. J. C. Lindland, Chief Inspector, Denver Division of the Post Office Department, accompanied by Mr. C. T. Hanson, Post Office Inspectorfor Wyoming, came in via the north entrance on June 18th and left via Gardiner on the 22nd.

Mr. Charles H. Fullaway, Assistant to Director of Budget, came in via Gardiner on June 21st and left via the same gateway on June 26th. He was accompanied by Mrs. Fullaway.

Mr. Erle W. Davoler, General Managpr, Butte & Superior Mining Co., P.O.Box 1708, Butte, Montana, came in via West Yellowstone on June 21st and left via the same gateway on June 25th.

Mr. Hinton G. Clabaugh, Chairman, Illinois State Parole Board, entered the park at West Yellowstone on June 20th and left via the Gallatin Gateway on June 25th. He presented a letter of introduction from Thomas J. Callaghan, Principal Operative, Division of Secret Service, Chicago, Ill.

Mr. Victor Rosewater, Former Editor of the Omaha Bee, came in via West Yellowstone on June 19th and left via Gardiner on June 22nd.

Mr. Almon Lawrence Fales, of Metcalf and Eddy, Consulting Engineers, Statler Building, Boston, Mass., called at the office on June 19th, at the request of H. B. Hommon, a personal friend. Mr. Fales arrived via Gardiner on the 19th and left via Cody on the 22nd.

Miss Mary Louise Chase of the office of Mutton's Business, Washington, D. C., came in via West Yellowstone on June 20th and left via Cody on June 24th.

Mr. Alair S. Reid, Director, New York Zoological Park, 185th St. & Southern Boulevard, New York City, came in via West Yellowstone on the afternoon of June 19th and left via the west entrance on June 22nd.

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Mr. C. E. Hansen, Post Office Inspector for the Spokane Division, accompanied by Mr. A. G. Lindland, Chief Inspector of the Denver Division, Post Office Department, came in via Gardiner on June 18th and left via Gardiner on the 22nd.

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Mr. Hinton E. Dibsengh, Chicago, Illinois, Chicago Board of Trade, entered the park at West Yellowstone on June 20th and left via the Gallatin Gateway on June 25th. He presented a letter of introduction from Thomas A. Callaghan, Technical Operative, Division of Secret Service, Chicago, Ill.

Mr. Victor Rosenwater, former editor of the Omaha Bee, came in via West Yellowstone on June 19th and left via Gardiner on June 22nd.

Mr. Simon Lawrence Yale, of Detroit and Cody, Consulting Engineer, Water Building, Boston, Mass., called at the office on June 19th, at the request of E. E. Hanson, a personal friend. Mr. Yale arrived via Gardiner on the 19th and left via Cody on the 22nd.

Mr. Harold E. Tennant, Secretary to Congressman John F. Miller of Washington, came in via Gardiner on June 19th and left via West Yellowstone on June 20th.

Dr. Frank G. Crane, President, Wyoming University, Laramie, Wyo., came in via Cody on June 17th and and left via the south entrance on June 20th. He was the first party to come into the park via the East Gateway.

Mr. Dan Whitney, Calgary, Canada, came in via Gardiner on June 15th and left via Gardiner on June 17th. He presented a letter of introduction from James W. Davidson, Chairman, Tourist Trails Committee, Alberta Development Board, Calgary, Canada.

Mr. and Mrs. Howard Marsh came in via the west gateway on June 9th and left via Gardiner on the 10th of June. Mr. Marsh is a successful writer of magazine fiction.

Dr. C. N. Fenner and Dr. E. T. Allen of the Geophysical Laboratory, Carnegie Institute, Washington, D.C., and Mrs. Allen, came in via Gardiner on June 6th, and they will be here for some time making observations of the thermal activities in Yellowstone.

Dr. Wallace Krugler of New York City, accompanied by Mrs. Krugler, came in via Gardiner on June 20th. Dr. Krugler is a personal friend of George F. Kunz. He was friend and physician of the late Judge Elbert H. Gary. Dr. Krugler is a member of the Camp Fire Club and very much interested in conservation work. He is spending a month in the park.

Hon. William C. Freeman, State Senator, 17th District, Pennsylvania, arrived via West Yellowstone on July 2nd and is still here. Mr. Freeman is a personal friend of Dr. Francis D. Patterson, who was in the park with Governor Fisher of Pennsylvania last year, and who is a very close friend to Secretary Work.

Dr. Frank R. Oastler, of 45 West 85th St., New York City, Dr. Herman C. Bumpus of 76 Carlton Road, Waban, Mass., Dr. H. C. Bryant, Dr. John C. Merriam, Mr. Herbert Maier, and Mr. Ansel Hall, Chief Park Naturalist, are here conferring on the plans for educational work in the National Parks. They are members of the Laura Spelman Rockefeller Memorial Committee and will be here for some time formulating plans for the new museum to be built at Mammoth Hot Springs and for other educational work to be done in Yellowstone by the Rockefeller Foundation. Dr. Oastler, accompanied by Mr. Hall, arrived on June 26th. Dr. Bumpus arrived via Gardiner on June 23rd. Dr. Merriam and Dr. Bryant entered at West Yellowstone on July 1st.

The following persons came in via West Yellowstone on June 20th to attend the opening ceremonies at the west gate:

Hon. H. C. Balbridge, Governor of Idaho, and wife, accompanied by Mr. Joel Priest and wife. Mr. Priest is General Agent, Union Pacific System.
Hon. George H. Dern, Governor of Utah, and Mrs. Dern, accompanied by Mr. and Mrs. J. L. Amos.
Judge Lew L. Calloway and wife, representing the Governor of Montana, accompanied by Mr. Coulam.
Mr. Carl R. Gray, President, Union Pacific System, Omaha, Neb.

Mr. Harold L. Tennant, secretary to Congressman John F. Miller of Washington, came in via Cordiner on June 19th and left via West Yellowstone on June 20th.

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Dr. Wallace Kingler of New York City, accompanied by Mrs. Kingler, came in via Cordiner on June 20th. Dr. Kingler is a personal friend of George F. Kunz. He was friend and physician of the late Judge Albert H. Gary. Dr. Kingler is a member of the Camp Fire Club and very much interested in conservation work. He is spending a month in the park.

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Dr. Frank K. Cautler, of 45 East 65th St., New York City, Dr. Hermon C. Bumpus of 76 Carlton Road, Yonkers, Mass., Dr. H. C. Bryant, Dr. John C. Merriam, Dr. Herbert Maier, and Dr. Angel Hall, Chief Park Naturalist, are here conferring on the plans for educational work in the National Parks. They are members of the Lasker Planning Conservation Commission and will be here for some time formulating plans for the new museum to be built at Mammoth Hot Springs and for other educational work to be done in Yellowstone by the Conservation Foundation. Dr. Cautler, accompanied by Mr. Hall, arrived on June 26th. Dr. Bumpus arrived via Cordiner on June 23rd. Dr. Merriam and Dr. Bryant arrived at West Yellowstone on July 1st.

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Hon. George H. Dern, Governor of Utah, and Mrs. Dern, accompanied by Mr. and Mrs. L. L. Rose.
Judge Lew L. Callaway and wife, representing the Governor of Montana, accompanied by Mr. Coates.
Mr. Carl E. Gray, President, Union Pacific System, Omaha, Neb.

Mr. W. S. Basinger, P.T.M., Union Pacific System, Omaha, Neb.
Mr. F. W. Robinson, Vice President in Charge of Traffic, Union Pacific System, Omaha, Neb.
Mr. T. Joe Cahill, Commissioner of Agriculture, State of Wyoming.
Mr. Lazaer, Attorney, Union Pacific System, Wyoming.
Mr. Carl R. Gray, President, Union Pacific System, Omaha, Neb.
Mr. J. R. Kennard, representing the Salt Lake Deseret News.
Mr. Ellis, Managing Editor of Salt Lake Telegram.
Mr. S. J. Maloney of the Salt Lake Tribune.

Governor Dern and wife, Mr. and Mrs. Amos, and Mr. T. Joe Cahill, left the park via West Yellowstone on June 21st. The others left via the west gate on June22nd.

Mr. W. H. Baringer, P.T.M., Union Pacific System, Omaha, Neb.
Mr. F. E. Robinson, Vice President in Charge of Traffic, Union Pacific System, Omaha, Neb.
Mr. T. Joe Cahill, Commissioner of Agriculture, State of Wyoming.
Mr. Lanser, Attorney, Union Pacific System, Wyoming.
Mr. Carl E. Gray, President, Union Pacific System, Omaha, Neb.
Mr. J. A. Hammond, representing the Salt Lake Chamber Comm.
Mr. Gillis, Managing Editor of Salt Lake Telegram.
Mr. E. J. Salomey of the Salt Lake Tribune.

Governor Carr and wife, Mr. and Mrs. Amon, and Mr. T. Joe Cahill, left the park via West Yellowstone on June 21st. The others left via the east gate on June 22nd.

600 - Protection

610 - Police protection

A few minor violations of park regulations have occurred. Some were reprimanded, others were cautioned. One arrest was made during the month. Mr. Frank E. Brown of Hellrose, Colorado, was taken into custody and delivered to a deputy sheriff from Ft. Morgan, Colo., on a charge of securing money under false pretenses. He voluntarily returned with the officer to answer the charges.

620 - Fire Protection

Rainfall occurred almost daily throughout the month, the heaviest precipitation for June in 12 years (about 1-1/2 inches in excess of normal). There was very little hazard and no forest fires have occurred this season to date.

630 - Accidents

Mr. Ray Hooks, National Park Service employee, sustained personal injuries when the truck in which he was riding turned over on the roadside near Madison Junction. The truck was driven by William Riley, National Park Service employee. The incident was caused by loose gravel and scant clearance when passing a Government dump wagon and team. Injuries consisted of broken jaw and concussion, resulting in hospitalization. The incident occurred on June 21st. The patient is recovering normally at this time.

Dr. D. A. Summers, C/o St. Marks Hospital, Salt Lake City, Utah, was involved in collision with Government truck #546, driven by Lester Miller. The collision occurred on the grade immediately east of the Gardiner bridge near the junction of Lava Creek and the Gardiner River. Road and weather conditions were largely responsible for the collision, but each driver charged the other with some degree of fault. The complainant, Dr. Summers, advises that he has no intention of attempting a forced recovery in any amount as he frankly admits that he would probably have done as the truck driver did under like circumstances.

Mr. R. C. Lange of Casper, Wyo., drove his Ford truck off the road while ascending Dunraven Pass. The car went down an incline and turned over. The driver was solely responsible and there were no other persons involved. There were no personal injuries. The incident occurred on the 25th and the car was removed on the 29th.

Mr. John E. Storrett, National Park Service employee, sustained personal injury in line of duty while cutting down timber from the Gallatin to Sportsman Lake trail. The injury consisted of a cut on left leg above ankle caused by a glancing stroke with his ax. The injury occurred at 9:30 a.m. on the 26th and he returned to work following hospital treatment on the 30th.

600 - Protection

610 - Police protection

A few minor violations of park regulations have occurred. These were reprimanded, others were cautioned. One arrest was made during the month. Mr. Frank L. Brown of Dolores, Colorado, was taken into custody and delivered to a deputy sheriff from Rifle, Colo., on a charge of securing money under false pretenses. He voluntarily returned with the officer to answer the charges.

620 - Fire Protection

Rainfall occurred almost daily throughout the month, the heaviest precipitation for June in 12 years (about 1-1\2 inches in excess of normal). There was very little hazard and no forest fires have occurred this season to date.

630 - Accidents

Mr. Ray Hooks, National Park Service employee, sustained personal injuries when the truck in which he was riding turned over on the roadside near Radium Junction. The truck was driven by William Riley, National Park Service employee. The incident was caused by loose gravel and weak clearance when passing a Government dump wagon and team. Injuries consisted of bruises, lacs and concussion, resulting in hospitalization. The incident occurred on June 21st. The patient is recovering normally at this time.

Mr. D. A. Brewer, C\o St. Marys Hospital, Salt Lake City, Utah, was involved in collision with Government truck #246, driven by Lester Miller. The collision occurred on the grade immediately east of the Dewitner bridge near the junction of Lava Creek and the Gunnison River. Road and weather conditions were largely responsible for the collision, but each driver charged the other with some degree of fault. The complainant, Mr. Brewer, advises that he has no intention of attempting a forced recovery in any amount as he frankly admits that he would probably have done as the truck driver did under like circumstances.

Mr. R. C. Lange of Casper, Wyo., drove his Ford truck off the road while ascending Cerrasco Pass. The car went down an embankment and turned over. The driver was solely responsible and there were no other persons involved. There were no personal injuries. The incident occurred on the 25th and the car was removed on the 29th.

Mr. John E. Barrett, National Park Service employee, sustained personal injury in line of duty while cutting down timber from the Gallatin to Upper Lake trail. The injury consisted of a cut on left leg above ankle caused by a glancing stroke with his ax. The injury occurred at 9:30 a.m. on the 26th and he returned to work following hospital treatment on the 30th.

A 2-ton Graham truck belonging to the Morrison-Knudson Company, Road Contractors, left the road and turned upside down in the Gibbon River at a point near Gibbon Falls. The truck was loaded with explosives and was driven by one James Rowe. There were no serious personal injuries sustained. The driver alleges that he drove the truck too near the edge of the road in order to avoid a collision with a tourist car. A company official reported the property damage as slight. The incident occurred on June 26th.

Mr. Guy Witt, driving Chevrolet car, Nebraska license #481401 damaged his car by driving off road into swamp. There were no personal injuries. Poor brake bands were the alleged cause of the trouble. Time, June 27th. Place, 1-1/2 miles south of Thumb Station.

Oswald Bennett of Belgrade, Mont., sustained minor injuries on back of hand. Cause, bear bite. Time, June 28th. Place, Thumb Station. He was bitten while feeding the bear from the hand. First aid was rendered by a ranger at Thumb Station.

Mrs. Florence Link of Gardiner, Mont., driving a Nash Sedan was involved in a collision with Transportation Company Truck #924 on June 29, 1928, at 4 p.m., one-half mile south of Madison Junction. The damage to Mrs. Link's car consisted of a crushed right rear fender and broken top arm. The parties involved are not agreed regarding the facts. The truck driver insists that Mrs. Link did not give him his share of the road and that he was traveling on his own extreme right of the road at the time the collision occurred. The truck driver disclaimed all responsibility for complainant's damage and there is apparently no intention to attempt a forced settlement of this claim.

Mr. Adolph Thomure, 3972 McRae, St. Louis, Mo., received personal injuries while feeding a bear from the hand. The hand injury required 5 stitches. This happened on June 29th at Canyon Camp.

Dr. A. B. Thurston, Grand Junction, Colo., injured by bear bite while feeding mother and cub. The patient was bitten on the arm. The teeth penetrated two coats and undergarments causing three small flesh wounds. This accident occurred at Canyon Camp on July 1st.

Otto Leistico of Livingston, Mont., received accidental injuries on July 2nd at Canyon Camp, caused by a piece of timber falling and striking him. His right arm was injured and he suffered much pain and shock. His condition was reported afterwards as much improved.

SPECIAL INCIDENTS: Carl F. Beall, Park Ranger, probational, who was employed from November 1, 1927, to June 13, 1928, was apprehended immediately following the termination of his services on a charge of unlawful trapping and selling of marten. The alleged unlawful acts occurred in the State of Wyoming. Chief Ranger Woodring made the arrest and delivered the accused into the custody of an officer from Wyoming. He pleaded guilty on being arraigned and was fined $75 and costs, total $79.50. There was no evidence

A 2-ton Graham truck belonging to the Morrison-Knudsen Company, Road Contractors, left the road and turned upside down in the Gibbon River at a point near Gibbon Falls. The truck was loaded with explosives and was driven by one James Howe. There were no serious personal injuries sustained. The driver alleges that he drove the truck too near the edge of the road in order to avoid a collision with a tourist car. A company official reported the property damage as slight. The incident occurred on June 26th.

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that he engaged in any unlawful conduct within the territorial limits of the park. This man was a keen disappointment to us and we are pleased to be rid of his services.

900 - Miscellaneous

Post Office: The Post Office was moved from winter to summer quarters on June 10th.

Five new postal contract stations were established effective June 19th, to be operated during the tourist season, at the following points:

Old Faithful Postal Station, in the Hamilton Auto Camp Store at Old Faithful; Lake Outlet Postal Station, in the Hamilton Lake Store; Fishing Bridge Postal Station, in the Hamilton Store at Fishing Bridge Auto Camp on the Cody Entrance road; Canyon Postal Station in the Whittaker Store at Canyon Junction; Tower Falls Postal Station in the Haynes General Store at the Tower Falls Auto Camp. Chief Inspector J. C. Lindldnd of the Denver Division, and Post Office Inspector C. T. Hansen, from Sheridan, Wyo., arrived in the Park on June 18th, and were here until the 22nd, establishing the new stations and instructing the clerks in charge in their duties.

Simultaneously with the establishment of the new postal stations, a new Star Route was established connecting them with the main office, and giving service to ranger stations and road camps located along the route. This route was let to the Yellowstone Park Transportation Company, and the mail is handled on the express trucks of this company. This arrangement enables us to get the heavy mail which arrives in the morning, out to all stations the same evening.

Collection boxes for dropping letters to be mailed were put up and maintained at Norris and Madison Junction, to be collected once a day by the Star Route carrier; also four on the grounds at Park Headquarters - at Whittaker's general store, Park Curio Shop, Haynes Picture Shop, and in front of the Information Office, with daily collections by clerks in this office, and one at the Headquarters Automobile Camp near the Power Plant, where one collection a day is made by the Star Route carrier between here and Gardiner.

The amount of mail handled by these new stations to date indicates that they are being used and appreciated by both tourists and park employees, and are an improvement from the standpoint of service on the city carrier service heretofore maintained around the loop.

Church Services: Congregational services were held in the Chapel Sunday evening, June 10th, by Rev. S. R. McCarthy. The regular season's program was printed and published for the services in the chapel (copy herewith). Under this program, services were held in the Chapel both morning and evening on June 24th. The church floor was cleaned and given a coat of oil just before the opening of the season, at the expense of the church people who use it.

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Hospital and Medical Service: The following is a report on the number of professional calls made in the park, patients admitted to the hospital, etc., for the month beginning with the 15 th:

Total number of patients in the hospital 19
(divided as follows)

Surgical	- 2	(1 major, 1 minor)
Sick	-12	
Accidents	3	
Contagious	1	Diptheria
	1	Pneumonia

Number of miles traveled by physician..... 1990
Number of professional calls made in park.....
(Will be given in July report.)
Number of complete tours of park, checking dispensaries, looking after guests and employees, etc. 3
Number of minor operations, dressings, etc., coming to the hospital..... 50
Number of calls upon nurses throughout the dispensaries of the park, by employees and guests..... 400

Opening Ceremonies: While the north and west entrances to the park were open to campers on June 1st and the east and south entrances were informally opened on the 18th, the official opening ceremonies were held as scheduled at West Yellowstone on the morning of June 20th. The Union Pacific with special permission had erected inside the park a massive log gateway which had been trimmed with knotted wood and elk horns. The gateway was connected with electric wires to the telephone wires in the Union Pacific station and arrangements were made for the gate to be opened by President Coolidge. Inasmuch as there were no wire connections at the Summer White House, the Union Pacific changed the arrangements and had the gates opened by electric contact by Secretary Work, who pressed a button in Washington. President C. R. Gray, of the Union Pacific, whose assistants had arranged the opening ceremonies, arrived in the park several days preceding the opening. He and I went to West Yellowstone on the morning of the 20th and met the incoming trains. There were numerous official guests of the Union Pacific on the trains, including Governor and Mrs. H. C. Baldridge of Idaho and Governor and Mrs. George H. Dern of Utah, Chief Justice Lew L. Callaway of the Montana Supreme Court, representing the Governor of Montana, Mr. T. Joe Cahill, Commissioner of Commerce and Industry of Wyoming, representing the Governor of Wyoming, Congressman Addison T. Smith of Idaho, Chairman of the Committee on Reclamation and Irrigation, and acting Chairman of the Committee on Public Lands, Chief Tendoy of the Shoshone Indian Reservation in Idaho and quite a number of Indians dressed in full regalia, Vice President Frank Robinson of the Union Pacific, Passenger Traffic Manager W. E. Basinger, Assistant Traffic Manager, J. L. Amos and G.P.A. D. E. Spencer. President Gray had all of these men and women and quite a number of others as his guests at breakfast in the new Union Pacific dining room. After breakfast all of the guests and most of the incoming tourists went over to the park

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Total number of patients in the hospital 19
(divided as follows)

Surgical	- 2 (1 major, 1 minor)
Sick	-12
Accidents	3
Contagious	1 Diphtheria
	1 Pneumonia

Number of calls treated by physician..... 1990
Number of professional calls made in park.....
(Will be given in July report.)
Number of complete tours of park, checking disembarkation, loading after guests and employees, etc. 3
Number of minor operations, dressings, etc., coming to the hospital..... 50
Number of calls upon nurses throughout the dispensaries of the park, by employees and guests..... 400

Opening Ceremonies: While the north and west entrances to the park were open to vehicles on June 1st and the east and south entrances were informally opened on the 18th, the official opening ceremonies were held as scheduled at 8:00 following on the morning of June 20th. The union Pacific with special permission had erected inside the park a massive log gateway which had been trimmed with knotted wood and all form. The gateway was connected with electric wires to the telephone wires in the Union Pacific station and arrangements were made for the gate to be opened by President Coolidge. Inasmuch as there were no wire connections at the Summer White House, the Union Pacific changed the arrangements and had the gate opened by electric contact by Secretary Work, who pressed a button in Washington. President C. S. Gray, of the Union Pacific, whose secretary had arranged the opening ceremonies, arrived in the park several days preceding the opening. He and I went to Salt Lake on the morning of the 20th and met the incoming train. There were numerous official guests of the Union Pacific on the train, including Governor and Mrs. C. Ben Dillon of Idaho and Governor and Mrs. Henry H. Horn of Utah, Chief Justice Law Gallowey of the Montana Supreme Court, representing the Governor of Montana, Mr. T. Joe Cahill, Commissioner of Conservation and Reclamation of Wyoming, representing the Governor of Wyoming, Congressman Addison T. Smith of Idaho, Chairman of the Committee on Conservation and Irrigation, and acting Chairman of the Committee on Public Lands, Chief Ranger of the Bureau Biological Survey in Idaho and quite a number of Indians dressed in full regalia. Vice President Frank Robinson of the Union Pacific, Passenger Traffic Manager W. G. Neiberger, Assistant Traffic Manager, J. R. Lane and C.P.A. R. E. Spencer, President Gray had all of these men and women and quite a number of others as his guests at breakfast in the new Union Pacific dining room. After breakfast all of the guests and most of the incoming tourists went over to the park

entrance where the opening ceremonies were held. The speakers were Governors Baldridge and Dern, Chief Justice Calloway, Mr. Cahill, Congressman Smith and Chief Tendoy. I have already sent you a program of the exercises. Upon the opening of the gate preceded by the Indians the guests and tourists filed through for the benefit of the photographers. Everyone pronounced the opening ceremonies to be very successful. Great credit is due the Union Pacific for the efforts made to have everything go off all right. The railroad not only built the gate but also the speakers' platform and other conveniences. All decorations were put up by the railroad and the programs were printed and furnished by the railroad. Considerable expense was also involved in bringing to the park a considerable number of Indians and a full brass band. Thus Yellowstone National Park was formally opened for the season of 1928.

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In conclusion I want to take this opportunity to express in this permanent record my appreciation of the fine work accomplished in the park by the Yellowstone organization before I returned. I have never seen the park looking better than it did this spring. I believe it has been years since the equipment was in better shape. The hard work done by Messrs. Daum and Joffe in getting things running so smoothly is entitled to high praise. I believe the Yellowstone organization is now the best one the park has ever had, and it seems to be getting better results than before. A great deal of credit for this situation, particularly so far as the equipment, property and outside control is concerned, is due to Acting Superintendent Daum.

Very truly yours,

G Superintendent.

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In conclusion I want to take this opportunity to express in this permanent record my appreciation of the fine work accomplished in the park by the Yellowstone organization before I returned. I have never seen the park looking better than it did this spring. I believe it has been years since the equipment was in better shape. The hard work done by Shaw and Lofts in getting things running so smoothly is entitled to high praise. I believe the Yellowstone organization is now the best one the park has ever had, and it seems to be getting better result than before. A great deal of credit for this situation, particularly as far as the equipment, property and outside control is concerned, is due to Acting Superintendent Shaw.

Very truly yours,

A Superintendent.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

TRAVEL REPORT

YELLOWSTONE National Park for the Month of JUNE 1928

	This Month	This Travel Year To Date	This Month Last Year	Last Travel Year To Date	Increase for Travel Year Number	Increase for Travel Year Percent
VATE TRANSPORTATION:						
's first entry,	7724	8760	6255	6875	1885	27
's reentry,	271	337	153	153	184	120
orcycles,	25	32	35	39	-7	~~-22~~ -17+
otal motor vehicles,	8020	9129	6447	7067	2062	29
sons entering via motor icles,	24293	27388	19223	20947	6441	31
sons entering via other ivate transportation,	125	130	19	19	-111	-85
Total persons entering via private transportation,	24418	27518	19242	20966	4552	22
HER TRANSPORTATION:						
rsons entering via stages,						
rsons entering via trains,	4438	4438	4918	4918	-480	-11
rsons entering otherwise,						
Total other transportation,						
GRAND TOTAL ALL VISITORS,	28856	31956	24160	25884	6072	23

	This Year	Last Year	Increase Number	Increase Percent
tomobiles in public camps during month,				
mpers in public camps during month,				

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

T R A V E L R E P O R T

National Park for the Month of _____ _____

	This Month	This Travel Year To Date	This Month Last Year	Last Travel Month Year To Date	Increase for Travel Year Number	Increase for Travel Year Percent
ATE TRANSPORTATION						
first entry, ...	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
reentry, ...	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
rcycles, ...	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
tal motor vehicles, ...	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ons entering via motor cles, ...	2429	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ons entering via other vate transportation, . . .	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
tal persons entering via rivate transportation. . . .	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
R TRANSPORTATION						
ons entering via stages, .						
ons entering via trains	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ons entering otherwise, .						
tal other transportation.						
RAND TOTAL ALL VISITORS.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

	This Year	Last Year	Increase Number	Increase Percent
omobiles in public camps during month.				
ampers in public camps during month,				

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF AUTHORIZED PROJECTS

YELLOWSTONE National Park for the Month of JUNE 1928

Description of Projects	Percent Constructed To Date	Percent Constructed This Month	Percent Constructed Last Month	Probable Date of Completion
dison-Old Faithful	100	2	2	---
dison-S. Yellowstone	100	5	10	---
mmoth-Norris	55	15	10	---
t Gallatin	8	8	0	---

ntinuing Project. Report covers project from Sta. 0+00 to Sta. 131+00.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF AUTHORIZED PROJECTS

Yellowstone ..... National Park for the Month of .....June 1940.....

Description of Projects	Percent Constructed To Date	Percent Constructed This Month	Percent Constructed Last Month	Probable Date of Completion
Grand-Old Faithful	100	2	2	—
Grand-Old Tollgate	100	5	10	—
Grand-Bridges	95	35	10	—
Quality	8	5	5	—

Completing Project. Report covers project from Sta. 0+00 to Sta. 151+00.

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UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

STATUS OF PERSONNEL

[redacted] National Park for the Month of JUNE 1928

	This Month	This Month Last Year
Number of employees beginning of month,	71	66
Number of additions, ...	64	52
Total, ...	135	118
Number of separations, ...	2	[illegible]
Number of employees close of month, . .	133	118
Number of promotions during month	7	0
Aggregate amount of annual leave taken,	18½	15½
Aggregate amount of sick leave taken,	6	0
Aggregate amount of leave without pay,	6	1

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

STATUS OF PERSONNEL

[illegible] ..... National Park for the Month of ..... [illegible]

	This Month	This Month Last Year
Number of employees beginning of month,	75	65
Number of additions, ...	14	25
Total, ...	89	90
Number of separations, ...	2	4
Number of employees close of month, . .	87	86
Number of promotions during month	7	0
Aggregate amount of annual leave taken,	104	131
Aggregate amount of sick leave taken,	0	0
Aggregate amount of leave without pay.	0	4

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UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF PARK REVENUES

YELLOWSTONE National Park for the Month of JUNE 1928

	This Year	Last Year
Park revenue on hand beginning of month,	000	000
Received,	~~16,073.59~~	~~14,496.95~~
Total,	16,073.59	14,496.95
Remitted,	~~16,073.59~~	~~14,496.95~~
On hand close of month,	000	000

Park revenues received this year to date,	$253,457.49
Park revenues received last year to date,	230,871.69
Increase,	22,585.80
Percent of increase,	9+

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF PARK REVENUES

[illegible] ..... National Park for the Month of ..... [illegible] .....

	This Year	Last Year
ark revenue on hand beginning of month, ...	000	000
eceived, ...	[illegible]	[illegible]
Total, ...	16,073.59	[illegible]
emitted, ...	[illegible]	[illegible]
n hand close of month, ...	000	000

---

ark revenues received this year to date, ...	[illegible]
ark revenues received last year to date, ...	[illegible]
Increase, ...	[illegible]
Percent of increase, ...	[illegible]

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF SALES OF PUBLICATIONS

JUNE, 1928.

	Number	Value
VERNMENT PUBLICATIONS:		
hand beginning of month	None	None
ceived during month	629	82.50
Total	629	82.50
ld during month	527	66.50
On hand at close of month	102	16.00
N-GOVERNMENT PUBLICATIONS:		
hand beginning of month	None	
ceived during month	162	194.00
Total	162	194.00
ld during month	94	104.10
On hand at close of month	68	89.90

gh on hand beginning of month	None
es during month	170.60
Total	170.60
nited during month	140.00
Balance	30.60

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF SALES OF PUBLICATIONS

	Number	Value
ERNMENT PUBLICATIONS:		
and beginning of month	[illegible]	[illegible]
ived during month	[illegible]	[illegible]
Total	629	[illegible]
during month.	527	[illegible]
On hand at close of month	102	[illegible]
-GOVERNMENT PUBLICATIONS:		
and beginning of month	[illegible]	
ived during month.	162	194.00
Total	162	194.00
during month.	94	104.10
n hand at close of month	68	89.90
on hand beginning of month.	[illegible]	
s during month	[illegible]	[illegible]
Total		[illegible]
ted during month.		[illegible]
ance		[illegible]

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

REPORT OF TELEPHONE AND TELEGRAPH BUSINESS

YELLOWSTONE National Park for the Month of JUNE 1928

	This Month	This Month Last Year	Increase	Percent Increase
CAL BUSINESS				
les of circuit maintained, ...				
. of telephones connected, ...				
. of measured service calls, ...				
. of other local calls, ...				
tal No. of local calls, ...	14950	15163	-233	-.015
ak load in calls per day, ...	837	701	136	.19
ceipts from measured service calls, . .				
" " coin boxes, ...				
" " telephone rental, ...				
TOTAL RECEIPTS				
NG DISTANCE BUSINESS				
. Outbound calls, ...	295	271	24	.088
. Inbound calls, ...	242	328	-86	-.26
TOTAL LONG DISTANCE CALLS				
ak load in calls per day, ...	32	34	-2	-.058
ceipts from Long Distance business, . .	$141.05	$121.84	$19.21	16
ll of this revenue accrues to the Mountain States Telephone & Telegraph Co.)				
LEGRAPH BUSINESS				
ssages via Western Union, ...				
ssages via				
TOTAL MESSAGES				
ceipts from telegraph business, ...				
. of money transfer messages, ...				
" " " receipts, ...				
TAL RECEIPTS TELEPHONE & TELEGRAPH DEPTS-				

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

REPORT OF TELEPHONE AND TELEGRAPH BUSINESS

National Park for the Month of

	This Month	This Month Last Year	Increase	Percent Increase
AL BUSINESS				
e of circuit maintained,				
of telephones connected,				
of measured service calls,				
of other local calls.				
al No. of local calls,	14990	15266	-257	-.015
k load in calls per day,	897	901	196	.14
eipts from measured service calls,				
" " coin boxes,				
" " telephone rental,				
TOTAL RECEIPTS				
C DISTANCE BUSINESS				
Outbound calls,	295	271	24	.088
Inbound calls,	242	328	-86	-.262
TOTAL LONG DISTANCE CALLS				
k load in calls per day,	32	34	-2	-.059
eipts from Long Distance business,	1141.05	1122.24	18.81	.16
GRAPH BUSINESS				
ages via Western Union,				
ages via				
TOTAL MESSAGES				
eipts from telegraph business,				
of money transfer messages,				
" " " receipts,				
AL RECEIPTS TELEPHONE & TELEGRAPH DEPTS-				

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

*ELECTRICITY GENERATED, SOLD, USED, ETC.

Yellowstone National Park for the Month of June 1928

	This Month	This Travel Year To Date	This Month Last Year	Last Travel Year To Date	Increase for Travel Year Number	Increase for Travel Year Percent
rrent generated, ...	68960.0	736550.0	61810.	702672.	33878.0	5
ld to park operators, . . .	13476.2	98519.5	12850.4	96255.7	2263.8	2
ld to others, ...						
rnished to other Governmental agencies, ...						
ed by National Park Service, lost in transit, etc., . . .	55483.8	638030.5	48959.6	606416.3	31614.2	5
Total current generated, . .	68960.0	736550.0	61810.0	702672.0	33878.0	5

ount receivable from the sale of electricity, ... $ 673.81

Indicated by K. W. H.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

*ELECTRICITY GENERATED, SOLD, USED, ETC.

[illegible] ..... National Park for the Month of [illegible]

	This Month	This Travel Year To Date	This Month Last Year	Last Travel Year To Date	Increase for Travel Year	
					Number	Percent
rrent generated, ...	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ld to park operators, . . .	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ld to others, ...						
rnished to other Governmental agencies, ...						
ed by National Park Service, lost in transit, etc., . . .	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Total current generated, . .	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

---

ount receivable from the sale of electricity, ... $ [illegible]

Indicated by K. W. H.

Department of the Interior
National Park Service
Yellowstone National Park
Yellowstone Park, Wyoming.

CIRCULAR NO. 10: June 14, 1928.

The following shifts of operators on the Government switchboard at Mammoth Hot Springs will become effective June 15, 1928:

Hours of Duty for Operators

Operators	From	To	Hours
	June 15th to June 23rd (Schedule No. 1)		
1. Mrs. Edwin	6.30 A. M.	9.30 A. M.	3
2. Mrs. Allan	9.30 A. M.	12.30 P. M.	3
3. Miss Anderson	12.30 P. M.	2.00 P. M.	1½
4. Mrs. Allan	2.00 P. M.	6.00 P. M.	4
5. Miss Anderson	6.00 P. M.	midnight	6
	June 24th to June 30th (Schedule No. 2)		
1. Mrs. Edwin	6.30 A. M.	9.30 A. M.	3
2. Miss Anderson	9.30 A. M.	1.00 P. M.	3½
3. Mrs. Allan	1.00 P. M.	2.00 P. M.	1
4. Miss Anderson	2.00 P. M.	6.00 P. M.	4
5. Mrs. Allan	6.00 P. M.	midnight	6

The shifts for the remainder of the summer season will change each week, and will be as follows:

July 1st to 7th ..... Schedule No. 1.
July 8th to 14th ..... Schedule No. 2.
July 15th to 21st ..... Schedule No. 1.
July 22nd to 28th ..... Schedule No. 2.
July 29th to August 4th ..... Schedule No. 1.
August 5th to 11th ..... Schedule No. 2.
August 12th to 18th ..... Schedule No. 1.
August 19th to 25th ..... Schedule No. 2.
August 26th to September 1st ..... Schedule No. 1.
September 2nd to September 8th ..... Schedule No. 2.
September 9th to September 20th ..... Schedule No. 1.

Under no circumstances should a deviation from this schedule be made without first notifying and securing permission from Mr. Joffe.

As the Yellowstone Park Camps Company lodges are now connected up with the Hotel Company lines and will put their calls through the hotel switchboard, no special hours will be reserved for the Camps Company this summer, as has been the practice in the past. Calls coming through the Government switchboard from the various lodges should be carefully recorded.

"Visiting" on the lines is prohibited.

Horace M. Albright
Superintendent

Department of the Interior
National Park Service
Yellowstone National Park

June 16, 1928.

CIRCULAR NO. 11.

The Ranger Service, Information Activity, and Museum Establishment for the season of 1928 will be organized as follows:

Sam T. Woodring, Chief Park Ranger, In charge of all ranger activities and personnel.
J. E. Haynes, Acting Director of the Museum and Supervisor of Information Service.
Harry Trischman, Assistant Chief Ranger, In charge of trail construction, ranch activities, etc.
Joseph Douglas, Assistant Chief Ranger, In charge of the Western Supervisory Territory.
Harry J. Liek, Assistant Chief Ranger, In charge of the Southern Supervisory Territory.
Julius L. Greer, Assistant Chief Ranger, In charge of the Chief Ranger's Office.
Dorr G. Yeager, Park Naturalist, In charge of the Museum and Information Service.

RANGER NATURALIST SERVICE

This service will be composed of the following personnel:

Mr. J. E. Haynes, In charge.
Dorr G. Yeager, In charge of Museum and Information Service.
Gerald E. Marsh, Head Ranger Naturalist.
Marguerite L. Arnold, Information Office.
Dr. Harry M. Kelly
Robert W. Peterson
Joseph Shirley
Wayne B. Whitlow
Edward A. Flottman
Dell W. Cook
Edward N. Jones
Lawrence Kolloen
George C. Ruhle
Newell F. Joyner
Donald A. Holm
J. Grover Matney
Robert M. Baker.

Members of the Ranger Naturalist Division will perform duties other than those outlined by the Acting Director under the direction of the ranger in charge of their duty station.

The following assignments of rangers and schedule of duties are effective today and during the tourist season of 1928, until further notice:

GARDINER STATION.

4 Ranger, No horses.

Thad C. Pound, In charge of Station.
Frances E. Pound
Fred R. Isackson.
Damon E. Corbin

Checking auto traffic from 6:00 A.M. to 9:30 P.M. The working schedule will be arranged by the ranger in charge of the station.

WEST YELLOWSTONE CHECKING STATION.

4 Rangers, no horses.

George W. Miller, In charge of Station.
George D. Keyser, Jr.
Hamlin R. Crunk
John R. Burbidge

Checking auto traffic from 6:00 A.M. to 10:00 P.M. The duty schedule to be arranged by the ranger in charge of the station. Other duties will consist of checking the adjacent auto camp and keeping same in a clean and sanitary condition.

SYLVAN PASS CHECKING STATION.

Rangers, no horses.

Roby Roy Wisdom, In charge of Station.
Mrs. Irene M. Wisdom,
Robert B. Walton
Gaylord L. Chamberlain

Checking auto traffic from 6:00 A.M. to 9:00 P.M. The duty schedule o be arranged by the ranger in charge of the station. Other duties will onsist of checking the adjacent auto camp and keeping the same in a lean and sanitary condition.

SNAKE RIVER CHECKING STATION.

Rangers, 3 horses.

Leon Poore, In charge of the Station.
Kendrick M. Melvet
William A. Baker

Checking auto traffic from 6:00 A.M. to 9:00 P.M., together with outine duties at the station. One man with pack outfit will patrol throughout he district as directed by the Assistant Chief Ranger in charge of the Southern upervisory Territory.

Circular No. 11-3

MAMMOTH STATION.

Sam T. Woodring, Chief Ranger . In charge of the ranger force.
Harry Trischman, Asst. Chief Ranger, In charge of trail construction cabin building, and ranch activities.
Julius L. Greer, Asst. Chief Ranger, In charge of the Chief Ranger's Office.
Everett L. Arnold, In charge of Mammoth Station and Fire Patrol ranger in the Headquarters district.
Roy T. Frazier, Buffalo Corral and Zoo
Charles A. Green, Special Motorcycle Patrol.
Sherman Pratt Traffic Patrolman
Gordon Mullen Assistant in the Chief Ranger's Office.
_____, " " " " " "
Marion F. Ball
Joseph Shirley
Dr. E. N. Jones
Edward A. Flottman
Franklin W. Wakefield, Jr.
Marguerite L. Arnold
Dell W. Cook
Newell F. Joyner
Edmund V. Linsenbard
Lawrence Kolloen
Gerald E. Marsh, In charge of Ranger Naturalist Service.

Formation Duty

Marion F. Ball
Edmund V. Linsenbard

One man will patrol the upper formation and one the lower formation. The rangers assigned to guide service will do formation patrol during hours to be assigned them that will not conflict with their other duties.

Guide Service

Dr. E. N. Jones
Newell F. Joyner

The regular guide parties will leave the hotel and permanent camp at 9:00 A.M., and 2:15 P.M. The rangers assigned to guide duty will alternate weekly from the hotel to the Camps Company parties; they will also do formation patrol during hours to be assigned them that will not conflict with their guide service duties.

Public Auto Camp

Franklin W. Wakefield, Jr.

The ranger assigned to this work will devote as much time as possible to auto visitors; he should mingle with them freely, solicit their comments, make note of their complaints; and extend them every courtesy. The auto camp will be checked twice daily, morning and evening. He will build a camp fire at 8:00 P.M. daily and will see that the fire is burning brightly at 8:30 P.M. which is the hour scheduled for the daily lecture at this

point. It will also be his duty to announce the lecture to all parties in the public auto camp. Other duties that will not conflict with the above schedule will be assigned to the ranger in charge of this work.

Information Office.

Marguerite L. Arnold
Edward A. Flottman
Joseph Shirley

This office will be open daily from 7:00 A.M. to 10:00 P.M., and the duty schedule will be so arranged as to have two rangers on duty during the hours when the office is most frequented by visitors. The duty schedule will be outlined by the Chief Ranger and the Park Naturalist, and the ranger in charge of the office will be responsible for it's observance. Daily reports will be submitted to the Chief Ranger's Office on a form provided for the purpose.

MUSEUM.

Dorr G. Yeager, Park Naturalist, will be in charge of the museum
Dell W. Cook, will serve as assistant to Mr. Yeager in the museum at such times as do not conflict with his regular duties. A duty schedule will be arranged providing for the presence of one man on the floor of the museum at all times during office hours who will meet and inform the public in all matters pertaining to the specimens on exhibit.

LECTURE SERVICE.

Lawrence Kolloen
Dr. E. N. Jones

Lectures will be delivered daily as follows:

Camps Company	7:20 P.M.
Hotel	7:55 P.M.
Public Auto Camp	8:30 P.M.

The Ranger giving the lecture will announce the same at the hotel dining room during the dinner hour and in the lobbies of the hotel and permanent camp 15 minutes before starting.

Motorcycle Patrol.

Sherman Pratt

This patrol will extend from Gardiner to Norris and to the north end of Dunraven Pass.

Charles Green

Special Motorcycle Patrols from Park Headquarters as per instructions from day to day. He will also be in charge of the Motorcycle Squad.

BUFFALO CORRAL.

Roy T. Frazier

The show herd will be exhibited daily from 8:00 A.M. to 6:00 P.M. The ranger in charge of the corral will be on duty continually during the day in order to give information and to keep an approximate count of the number of visitors viewing the herd.

Fire Patrol.

Everett L. Arnold

Daily patrols will be made in the Mammoth district for the purpose of fire observation and for the detection of violations of park regulations, particularly in regard to fishing.

Ranger Quarters.

Everett L. Arnold

Mr. Arnold will be in charge of the ranger quarters. He will require that the quarters be kept in proper condition, that the regular hours for retiring and rising are observed and order prevails.

NORRIS STATION.

2 Rangers 2 horses.

Guy E. McCarty, In charge of Station.
Rudolph M. Mulfinger

One man mounted to check auto camps and ride fire patrol to lookout at Virginia Cascades, and Gibbon Hill. He will also make general patrols through the district.

One man on formation duty from 8:00 A.M. to 12:00 noon, and from 1:00 P.M. to 5:00 P.M. The auto camp will be checked every morning and evening and kept in a clean and sanitary condition.

MADISON JUNCTION STATION.

1 Ranger, no horses.

Howard L. Kirk

He will check the auto camp and regulate traffic at the road junction; he will also patrol to the fire lookout on Purple Mountain three times weekly during the dangerous fire season.

FOUNTAIN STATION.

2 Rangers, one horse.

Roger L. Duncan. In charge of Station.
Arthur W. Soper

Fire Patrol, three trips weekly to Mary Lake.
three trips weekly to Sage Brush Flats.

Formation Duty: One man to patrol Paint Pots, Firehole Geyser Basin, and Excelsior Geyser Basin from 8:00 A.M. to 5:00 P.M.

Circular No. 11-6

OLD FAITHFUL STATION.

8 Rangers, 2 horses.

Walter P. Martindale. In charge of Station.
George C. Ruhle
Donald A. Holm
Fred R. Morrell, Jr.
Joe J. Way
Arthur Chapman
Willis N. Mills
Ralph V. Herron
William R. Burdison
Herma G. Albertson, On Nature Trail Assignment without appointment.

One man to be on station at all times.

Formation Duty.

One man mounted to Black Sand Basin and Biscuit Basin twice daily. One man to patrol from Sawmill Geyser to Morning Glory Pool from 8:00 A.M. to 6:00 P.M. One man to patrol from Old Faithful Geyser over Geyser Hill from 8:00 A.M. to 6:00 P.M.

A ranger should be present at all eruptions of the big geysers in the Basin, such as Old Faithful, Grand Riverside, etc.

Fire Patrol.

One man to patrol 3 times each week to Madison Lake. He should patrol to a point overlooking the Bechler River Country. The patrol to Madison Lake lookout is especially important following electrical storms.

Guide Duty.

George C. Ruhle
Donald A. Holm
Herma G. Albertson. Special Guide Service on Nature Trails.

Motorcycle Patrol.

William R. Burdison.

This patrol extends from West Yellowstone to Thumb Station.

Public Auto Camp.

One man to check auto camp every morning and evening. The ranger assigned to this work should devote as much time as possible to the interests of the auto visitors and extend them every possible courtesy.

Bear Guard.

One man to do Bear Guard.

Circular No. 11-7

THUMB STATION.

2 Rangers, 1 horse.

Frances D. LaNoue
Richard C. Gill

LAKE STATION.

7 Rangers, 4 horses.

Harry J. Liek, Asst. Chief Ranger. In charge of the Southern Supervisory Territory.
James N. Dupuis. In charge of Station.
George F. Baggley, Frost Lake Fire Patrol.
Harry M. Kelly
Robert W. Peterson
Robert H. Spell
W. Ward Yeager
Dudley Hayden. Motorcycle Patrol.

One man will be on duty in the Office at the Community Room at all times. One man with pack outfit will make patrols over the entire district for the detection of fires and possible violations of fishing regulations. One man will make daily patrols of camp grounds in the district.

The motorcycle patrol from this station extends to Sylvan Pass and Snake River Stations. One man will regulate traffic near the Fish Hatchery from 6:00 A.M. to 7:00 P.M. daily.

CANYON STATION.

8 Rangers, 2 horses.

Edward E. Ogston. In Charge of Station.
Paul R. Wylie
Vincent H. Clark
Edwin L. Smith, Motorcycle Patrol.
Lewis P. Newby
Arnold Settlage
Gerrit Demmink
Lowell G. Biddulph

One man will be on duty in the office at the Community Room at all times. One man will be on duty at Artist Point daily from 8:00 A.M. to 11:30 A.M., and from 12:45 to 4:30 P.M.

One man will be on duty at Inspiration Point daily from 8:00 A.M. to 11:00 A.M., and from 12:45 P.M. to 4:30 P.M.

One man will be stationed at Stairway to Lower Falls from 10:00 A.M. to 12:00 noon, and from 1:00 P.M. to 4:00 P.M.

One man will be stationed at Stairway to Upper Falls from 9:00 A.M. to 12:00 noon, and from 1:00 P.M. to 4:30 P.M. to direct cars to parking grounds around the Haynes Picture Shop and otherwise regulate traffic.

One man will do bear guard, and one man will be assigned to Fishing Patrol or Night Guard.

Circular No. 11-8

Motorcycle Patrol.

Edwin L. Smith.

This patrol covers all roads in the vicinity of Canyon to the North End of Dunraven Pass, and the highway from Canyon Junction to Lake and Madison Junctions.

DUNRAVEN PASS STATION.

2 Rangers no horses.

Frank H. Smith. In Charge of Station.
J. Grover Matney

Daily patrols will be made to the Summit of Mt. Washburn for the purpose of fire lookout, traffic regulation over the mountain, and information service to visitors. The comfort stations will be kept in a clean and sanitary condition.

TOWER FALLS STATION.

3 Rangers, 2 horses.

John Bauman, Temporarily in charge of Station.
James L. Johnston
Wayne B. Whitlow. Ranger Naturalist Service.

One man will be on station at all times, One man will be on duty at Tower Falls from 1:30 P.M. to 4:00 P.M., to control traffic. Mounted patrols will be made to Specimen Ridge and Slough Creek 3 times weekly. The Nature Guide and Lecture work at this point will be outlined by the Acting Chief of the Ranger Naturalist Division.

Gallatin Station.

Lee Cottrell. Ranger, In charge of Station.

Two patrols to Sportsman Lake each week, and two patrols to Grayling Cabin each week. Patrols will be made to the top of Lightning Hill immediately after daylight on mornings following electrical storms.

RIVERSIDE STATION.

Joseph Douglas, Asst. Chief Ranger. In Charge of the Western Supervisory Territory; he will also supervise ranch activities in the North District.

George Winn, Park Ranger, Riverside District fire patrol. He will make extensive patrols throughout the district for the detection of fires and possible violations of park regulations. Special attention will be given to fishing parties along the Madison River, and to live stock ranges across the park boundry. He will also keep a close watch on the drivers of the Yellowstone Park Transportation Company busses, trucks and cars during their stopover periods at Riverside.

Circular No. 11-9

BECHLER RIVER STATION.

Rangers, 2 horses.

Albert T. Bicknell, In charge of Station.
Rudolph L. Grim

Patrols in this district will be made under the direction of the Assistant hief Ranger in charge of the Southern Supervisory Territory. One ranger will be tationed on the road, at the park line, near Fall River on Saturday and Sunday of ach week to check autos and seal guns of park visitors.

UPPER YELLOWSTONE STATION.

Ranger, 2 horses.

Roy G. Dale

He will make mounted patrols over the entire district as directed by the ssistant Chief Ranger in charge of the Southern Supervisory Territory.

COOKE CITY STATION.

Ranger, 2 horses.

Clifford Anderson. In charge of Station.

Duties will consist primarily of fire patrols to the head of Pebble Creek nd along the road between the station and Soda Butte Cabin.

SODA BUTTE CABIN.

Thomas C. Parkinson, In charge of Station.

Mounted patrols throughout the Soda Butte District as outlined and directed y the Chief Park Ranger.

UPPER SLOUGH CREEK STATION.

James McBride, In charge of Station.

The routine duties of this station will be outlined by the Chief Park Ranger rom time to time as occasion requires.

Circular No. 11-10

HELLROARING and CREVICE STATIONS.

1 Ranger 2 horses.

Roy C. Brown, In charge of Stations.

His headquarters will be at Hellroaring Station. He will make fish and fire patrols, under the direction of the Chief Park Ranger, from the mouth of Blacktail Deer Creek to Little Buffalo and during dangerous fire weather patrols will be made to Crevice Mountain with overnight stops at Crevice Station.

HEART LAKE DISTRICT.

1 Ranger, 1 horse.

Ralph W. Pierson, In charge of Station.

He will make patrols throughout his district, and particularly to the fire lookout on the summit of Mt. Sheridan, He will also keep a close lookout for violations of the fishing regulations.

MISCELLANEOUS.

Robert M. Baker, Asst. in research work, and other special duties in connection with the Ranger Naturalist Service.
Edward J. Bruce, In charge of Pack Train.

UNASSIGNED.

John S. Mc Laughlin
Frederick W. Woerner
George A Kay Jr.
John T. Milburn
David H Ross

HORACE M. ALBRIGHT,
Superintendent.

Department of the Interior
National Park Service
Yellowstone National Park
Yellowstone Park, Wyoming.

June 19, 1928.

OFFICE OF THE SUPERINTENDENT:

CIRCULAR NUMBER ~~11~~ 12.

TO ALL PARK RANGERS IN CHARGE OF ENTRANCE STATIONS.

You will be governed by the following considerations in the issuance of Complimentary Automobile Permits:-

All United States Senators, Congressmen, and Governors of States when entering the park in conveyances requiring the issuance of a permit will, upon being identified, be issued a Complimentary permit without inquiry as to the purpose of their visit.

Except as above noted Complimentary permits will be issued only upon request and upon the declaration that the applicant is traveling in an official capacity on official business.

Full data as to name, address, official position, make of car, state, license number, and names of passengers will be entered on the permit.

Members of the Forest Service, representatives of the U. S. Geological Survey, Bureau of Mines, Department of Justice, Public Health Service, and other Government agencies whose activities are related to the objects and purposes of the National Park Service and are coming to the park on official business are eligible for Complimentary Permits on the conditions above stated, also the State Officials of Montana, Wyoming, and Idaho, and law enforcement Officials of the Counties adjoining the park will be eligible for Complimentary Permits subject to the conditions noted in paragraph three.

Complimentary Permits will not be issued to Officers of the Army and Navy or State and Government Officials except as above indicated.

Applicants for Complimentary Permits may be sufficiently identified by letters of introduction, business letterheads, business cards, lodge receipts, railroad passes, or any official or unofficial paper that will indicate identity.

When in doubt as to whether or not an applicant is entitled to a permit under the conditions noted herein the Chief Ranger's Office should be consulted. The Superintendent will not concern himself with Complimentary Permits except when brought to his attention through the Chief Ranger's Office.

HORACE M. ALBRIGHT,
Superintendent.

Department of the Interior
National Park Service
Yellowstone National Park
Yellowstone Park, Wyoming

June 23, 1928.

CIRCULAR NO. 13.

Effective beginning June 24, 1928, the following people will report for all-day service on the Sundays and holidays stipulated, their duties being to take care of people coming into the office wishing to see the Superintendent and those making inquiry concerning the park or its business, and to refer tourists to the information office, etc.

June	24	Mr. Nevins
July	1	Miss Jamieson
July	4	Mrs. Greer
July	8	Mr. Kent
July	15	Mrs. Bardell
July	22	Mr. Nevins
July	29	Mr. Edwin
Aug.	5	Miss Jamieson
Aug.	12	Mr. Kent
Aug.	19	Mrs. Bardell
Aug.	26	Mrs. Greer
Sept.	2	Mr. Edwin
Sept.	3	Miss Jamieson
Sept.	9	Mrs. Greer
Sept.	16	Mrs. Bardell

There is no objection to interchanging of dates, provided Mr. Daum, Mr. Joffe and I are notified so that we may know whom to expect on duty.

This assignment does not necessarily mean that the employees of this office will not be required to work on Sundays or holidays other than above outlined, as the condition of the work of the various employees should determine whether or not it is necessary for them to work on Sundays or holidays in order to keep their work current.

Horace M. Albright,
Superintendent.

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UNITED STATES
DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE—YELLOWSTONE NATIONAL PARK

CHIEF RANGER'S MONTHLY TRAVEL REPORT, MONTH OF June, 1928

	NORTH		WEST		EAST		SOUTH		ALL TRAIL ENTRANCES		SUMMARY	
	Cars	People	Cars	People	Cars	People	Cars	People	Horses	People	Cars	People
Automobile permits issued	2634	7691	3103	9545	1702	5162	279	797			7718	23395
Automobile permits issued (complimentary)	1	1	1	2			4	15			6	18
Cars entering second time	51	148	183	596	14	37	23	69			~~271~~ 271	850
Motor-cycle permits issued	17	21	6	7	2	2					25	30
Total	2703	8061	3293	10150	1718	5201	306	881			8020	24293
Passengers in horse-drawn vehicles												
Passengers on horseback												
Passengers on bicycles	53	63		27		29		6				125
Passengers on foot												
Total incoming passengers with private transportation												
WITH HIRED TRANSPORTATION												
Yellowstone Park Transportation Co.		1462		2134		842						4438
Total incoming passengers with hired transportation												
TOTAL INCOMING PASSENGERS		9586		12511		6072		887			8020	28856

Total automobiles in public camping grounds 3760

Total automobile campers in public camping grounds 13517

Total passengers Cooke City stage Linn 6, Tate 6 — 12

Total visitors Cave Falls—Bechler River Region

SEASON TOTAL END OF LAST MONTH 1109 5100

SEASON TOTAL TO DATE 9129 51956

STATEMENT SHOWING AUTOMOBILE TRAVEL BY STATES
YELLOWSTONE NATIONAL PARK - June 1928

ME OF STATE	North		West		East		South		Total	
	Cars	Passengers	Cars	Passengers	Cars	Passengers	Cars	Passengers	Cars	Passengers
abama	5	14	5	23	4	16			14	53
izona	11	29	17	61	8	25	2	4	38	119
kansas			5	12	5	20	1	2	11	34
lifornia	275	726	917	2603	130	530	26	58	1348	3717
lorado	31	87	59	156	90	282	31	87	211	612
nnecticut	2	6	3	5	7	23			12	34
laware	1	3					1	2	2	5
st. of Col.	6	14	4	11	5	18	1	2	16	45
orida	10	26	8	20	17	51	2	9	37	106
orgia	2	4	3	9	2	3	1	1	8	17
aho	42	122	461	1630	13	40	19	67	535	1859
linois	93	269	59	170	154	470	16	43	322	952
diana	21	55	30	93	41	136	5	14	97	298
wa	75	231	25	74	94	278	9	25	203	608
nsas	23	62	31	117	42	137	14	48	110	364
ntucky	2	6	7	16	11	32			20	54
uisiana	6	17	2	6	9	40	1	3	18	66
ine	2	5			1	8			3	13
ryland	2	7	2	5	8	28			12	40
ssachusetts	6	14	7	14	16	39	4	12	33	79
chigan	34	91	37	97	81	233	4	15	156	436
nnesota	194	592	42	120	86	270			322	982
ssissippi	6	23	1	2	4	13	1	2	12	40
ssouri	20	51	46	139	50	149	10	27	126	366
ntana	765	2435	202	659	69	230	7	17	1043	3341
braska	49	139	30	101	94	303	14	47	187	590
vada	8	21	12	27	3	7			23	55
w Hampshire			2	7			1	5	3	12
w Jersey	11	30	11	29	9	20			31	79
w Mexico	8	20	10	32	7	25	3	12	28	89
w York	35	94	24	65	40	115	1	2	100	276
rth Carolina	1	4	3	6	2	7	1	2	7	19
rth Dakota	173	562	27	91	44	134	5	11	249	798
io	64	191	55	151	95	269	8	23	222	634
lahoma	16	42	32	116	32	96	3	9	83	263
egon	56	177	156	469	8	19	1	3	221	668
nsylvania	23	70	25	66	45	134	3	8	96	278
ode Island	1	4	3	9	2	6			6	19
uth Carolina			1	2			4	9	5	11
uth Dakota	69	218	21	66	54	163			144	447
nnesse	3	8	7	23	2	7			12	38
xas	31	86	64	259	66	211	17	51	178	607
h	35	85	312	943	17	50	8	18	372	1096
rmont										
rginia	1	3			1	4	1	7	3	14
shington	167	516	212	650	31	93	9	21	419	1282
st Virginia	5	16	3	8	2	6			10	30
sconsin	113	327	30	82	63	186	2	5	208	600
oming	53	151	55	172	129	404	44	134	281	861
aska	1	5							1	5
nada	75	226	33	122	6	19	2	5	116	372
waii	3	8	3	9	2	6			8	23
nal Zone					1	5	1	2	2	7
xico										
ilippine Is.										
reign										
TOTALS	2635	7892	3104	9547	1702	5162	283	812	7724	23413

Cars entering second trip unclassified by states	271	850
Motorcycles entering unclassified by states	25	30
Pre-season travel unclassified by states	1109	3100
Grand Total, cars and visitors, classified and unclassified	9129	27393

Department of the Interior
National Park Service
Yellowstone National Park

1928 COMPARATIVE TRAVEL FIGURES WITH 1927 AND 1926 - MONTH OF JUNE

JUNE 1928

ENTRANCE	RAIL (People) Hotels	Camps	Total Rail	MOTOR Cars	People	MISC. People	TOTAL (People) MONTH	TOTAL (People) SEASON
North	803	659	1462	3199	8061	63	9586	12,094
West	1424	710	2134	3494	10150	27	12311	12,867
East	543	299	842	1718	5201	29	6072	6,072
South				318	861	6	887	923
TOTALS	2770	1668	4438	9129	24293	125	28856	31,956

JUNE 1927

ENTRANCE	RAIL (People) Hotels	Camps	Total Rail	MOTOR Cars	People	MISC. People	TOTAL (People) MONTH	TOTAL (People) SEASON
North	617	1027	1644	2036	5983	11	7638	8,968
West	1379	1010	2389	2703	7937	6	10332.	10,662
East	357	528	885	1709	5303	2	6190	6,190
South								64
TOTALS	2353	2565	4918	6448	19223	19	24160	25,884

JUNE 1926

ENTRANCE	RAIL (People) Hotels	Camps	Total Rail	MOTOR Cars	People	MISC. People	TOTAL (People) MONTH	TOTAL (People) SEASON
North	1040	845	1885	1901	5750	44	7679	9,539
West	2036	1043	3079	2240	6905	38	10022	11,084
East	605	504	1109	2224	6955	49	8113	8,239
South				578	1759	2	1761	1,799
TOTALS	3681	2392	6073	6943	21369	133	27575	30,661

TRAVEL NOTES

Official opening exercises at West Entrance on June 20th.

Rail travel opening date 676 as compared with 529 on opening date last year. Record 1423 on June 20, 1926.

Total travel season to date 31,956 which is also record travel at close of June. Previous record 30,661 at close of June, 1926.

Rail travel for month, 4,438; last year, 4,918. Loss 480.

Auto and miscellaneous travel for month, 24,418; last year, 19,242. Gain 5176.

Number of cars for month, 9,129; last year, 6,448. Gain 2681.

The north and west entrances were open to travel on June 1st. East and south entrances were open to travel on June 18th.

Conditions have been bad on the east entrance road, requiring one-way traffic regulations.

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